

Estd. : July, 1999

॥ प्रज्वलितो ज्ञानमय प्रदीपः ॥

UGC (2F & 12B) Dt. 16-8-2011
Perm. Aff. No. SU/AFFI/T-2/UMK/4818 Dt. 15-7-2010

Shri. Shahu Shikshan Prasarak Seva Mandal, Peth Vadgaon's



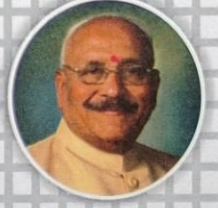
NAAC Accredited - 'B++' (2.83)
Aug. 2016

SHRI. VIJAYSINHA YADAV COLLEGE

PETH VADGAON

Tal. Hatkanangale Dist. Kolhapur (Maharashtra) 416 112 ☎ (0230) 2471599

Affiliated to Shivaji University, Kolhapur



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President :

Shri. Gulabrao Pol
I.P.S.

Secretary :

Sou. Vidya Gulabrao Pol
M.A., B.Ed.

Vice President :

Smt. Vijayadevi V. Yadav

Principal :

Dr. Vijaya R. Chavan
M.Sc., Ph.D.

CRITERION I

CURRICULAR ASPECTS

1.3: Curriculum Enrichment

1.3.2: Average percentage of courses that include experiential learning through project work/field work/internship during last five years

1.3.2.1: Number of courses that include experiential learning through project work/field work/internship year-wise during last five years

Sr. No.	Content
01	Minutes of the Boards o Studies / Academic Council meetings with approval for these Courses



SHIVAJI UNIVERSITY, KOLHAPUR-416 004. MAHARASHTRA

PHONE : EPABX-2609000 website- www.unishivaji.ac.in

FAX 0091-0231-2691533 & 0091-0231-2692333 – BOS - 2609094

शिवाजी विद्यापीठ, कोल्हापूर – 416004.

दुरध्वनी (ईपीएबीएक्स) २६०९००० (अभ्यास मंडळे विभाग— २६०९०९४)

फॅक्स : ००९१-०२३१-२६९१५३३ व २६९२३३३.e-mail:bos@unishivaji.ac.in

Ref./SU/BOS/ HUM/ 4750

Date:- 01/06/2018

The Principal
All Affiliated Arts (B.A.) Colleges,
Shivaji University,
Kolhapur.

Subject: Regarding Guidelines, Rules, Regulation, Structure and Standard of Passing of B.A. Part –I ,II,III (Sem I & VI) Choice Based Credit System (CBCS) under the Faculty of Humanities.

Sir/Madam,

With reference to the subject mentioned above, I am directed to inform you that University authorities have accepted and granted approval to Guidelines, Rules, Regulation, Structure and Standard of Passing of B.A. Part- I,II, III (Sem. I & VI) Choice Based Credit System (CBCS) under the Faculty of Humanities.

This Guidelines, Rules, Regulation, Structure and Standard of Passing shall be implemented from academic year 2018-2019 (i.e. from June 2018 onwards). A soft copy containing Guidelines, Rules, Regulation, Structure and Standard of Passing is attached herewith and it is also available on university website www.unishivaji.ac.in. (Online Syllabus)

You are therefore, requested to bring this to the notice of all Students and Teachers concerned.

Thanking you,

Yours faithfully,

Dy. Registrar

Encl: As above

Copy to;

- 1 Dean, Faculty of Humanities
- 2 Chairman, BOS & Ad-hoc Bords under Faculty of Humanities
- 3 Appointment Section
- 4 P.G. Admission Section
- 5 B.A. Section
- 6 Affiliation Section (U.G.)
- 7 Computer Centre
- 8 Eligibility Section
- 9 Distan Education

for information and necessary action.



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फॅक्स : ००९१-०२३१-२६९१५३३ व २६९२३३३. e-mail: bos@unishivaji.ac.in

Ref./SU/BOS/Comm/4751

Date:01/06/2018

The Principal
All Affiliated Commerce (B.Com.) Colleges,
Shivaji University,
Kolhapur.

Subject: Regarding Guidelines, Rules, Regulation, Structure and Standard of Passing of B.Com. Part –I, II, III (Sem I & VI) Choice Based Credit System (CBCS) under the Faculty of Commerce & Management.

Sir/Madam,

With reference to the subject mentioned above, I am directed to inform you that University authorities have accepted and granted approval to Guidelines, Rules, Regulation, Structure and Standard of Passing of B.Com. Part- I ,II,III (Sem. I & VI) Choice Based Credit System (CBCS) under the Faculty of Commerce & Management.

This Guidelines, Rules, Regulation, Structure and Standard of Passing shall be implemented from academic year 2018-2019 (i.e. from June 2018 onwards). A soft copy containing Guidelines, Rules, Regulation, Structure and Standard of Passing is attached herewith and it is also available on university website www.unishivaji.ac.in. (Online Syllabus)

You are therefore, requested to bring this to the notice of all Students and Teachers concerned.

Thanking you,

Yours faithfully,

Dy. Registrar

Encl: As above

Copy to;

- 1 Dean, Faculty of Commerce & Management
 - 2 Chairman, BOS & Ad-hoc Bords under Faculty of Commerce & Management
 - 3 Appointment Section
 - 4 P.G. Admission Section
 - 5 B.Com. Section
 - 6 Affiliation Section (U.G.)
 - 7 Computer Centre
 - 8 Eligibility Section
 - 9 Distan Education
- } for information and necessary action.



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 दुरध्वनी (ईपीएबीएक्स) २६०९००० (अभ्यास मंडळे विभाग- २६०९०९४)
 फॅक्स : ००९१-०२३१-२६९१५३३ व २६९२३३३.e-mail:bos@unishivaji.ac.in

Ref./SU/BOS/Science/4749

Date:- 01/06/2018

The Principal
 All Affiliated Science (B.Sc.) Colleges,
 Shivaji University,
 Kolhapur.

Subject: Regarding Guidelines, Rules, Regulation, Structure and Standard of Passing of B.Sc. Part –I, II, III (Sem I & VI) Choice Based Credit System (CBCS) under the Faculty of Science and Technology.

Sir/Madam,

With reference to the subject mentioned above, I am directed to inform you that University authorities have accepted and granted approval to Guidelines, Rules, Regulation, Structure and Standard of Passing of B.Sc. Part- I , II, III (Sem. I & VI) Choice Based Credit System (CBCS) under the Faculty of Science and Technology.

This Guidelines, Rules, Regulation, Structure and Standard of Passing shall be implemented from academic year 2018-2019 (i.e. from June 2018 onwards). A soft copy containing Guidelines, Rules, Regulation, Structure and Standard of Passing is attached herewith and it is also available on university website www.unishivaji.ac.in. (Online Syllabus)

You are therefore, requested to bring this to the notice of all Students and Teachers concerned.

Thanking you,

Yours faithfully,

Dy. Registrar

Encl: As above

Copy to;

- 1 Dean, Faculty of Science and Technology
- 2 Chairman, BOS & Ad-hoc Bords under Faculty of Science and Technology
- 3 Appointment Section
- 4 P.G. Admission Section
- 5 B.Sc. Section
- 6 Affiliation Section (U.G.)
- 7 Computer Centre
- 8 Eligibility Section
- 9 Distan Education

} for information and necessary action.

Draft

Shivaji University, Kolhapur
Regulations and Guidelines
Under Choice Based Credit System (CBCS)
Bachelor of Arts (B. A.) Program
Under the Faculty of Humanities
 (To be implemented from Academic Year 2018-19)

1. **Implementation of Regulations & guidelines** - The Regulations and guidelines shall be implemented as mentioned below -

B.A. Part – I, Sem I & II from Academic year 2018- 19

B.A. Part – II, Sem III & IV from Academic year 2019- 20

B.A. Part – III, Sem V & VI from Academic year 2020- 21

2. **Eligibility Criteria:** As per Ordinance – O. B. A. 1
3. **Pattern of CBCS for semester-** The pattern of CBCS for Semester examinations shall be as mentioned below:
 - i. **B. A. Part – I, Sem I & II:-** 50 marks University Semester examination for each theory paper in each Semester.
 - ii. **B. A. Part – II, Sem III & IV:-** 50 marks University Semester examination for each theory paper in each Semester except Environmental Studies.
For Environmental Studies at Semester IV, 70 marks will be for University examination for theory paper and 30 marks for the project work.
 - iii. **B. A. Part – III, Sem V & VI :-** 40:10 pattern shall be applicable for each theory paper in each semester wherein 40 marks shall be for University Semester examination and 10 marks for internal assessment.
4. **Weightage:** There shall be 1900 marks for 3 years having 6 Semesters B. A. CBCS Program with 148 Credits.

a) B. A. Part – I (Sem I & II) :

For B. A. Part I total 12 papers with 6 papers of each semester and total Credits shall be 48 with 24 Credits for each Semester.

- I. There shall be Ability Enhancement Compulsory Courses (subjects) (hereafter termed as AECC) with Paper 1 for Sem I and Paper 2 for Sem II each of 50 marks, as compulsory English course.
- II. There shall be one Compulsory Generic Elective (CGE) to be chosen from group A or B.
- III. There shall be four Discipline Specific Elective Courses (subjects) (hereafter termed as DSE) per semester. Student can select any two papers each from DSE- A and DSE –B.

b) B.A. Part –II (Sem III & IV) –

For B. A. Part II total 13 papers with 6 papers for of each semester and one compulsory paper Environmental Studies. Credits shall be 52 with 28 Credits for Sem III and 24 Credits for Sem IV.

- I. There shall be Ability Enhancement Compulsory Course (subjects) (hereafter termed as AECC) with Paper 3 for Sem III and Paper 4 for Sem IV each of 50 marks, as compulsory English course.
- II. There shall be one compulsory Interdisciplinary Studies (IDS) to be chosen from group IDS -A or IDS- B. However it is compulsory to select IDS subject from respective DSE group, i. e. Candidate who has selected paper from DSE- C group should select from IDS- A group. Similarly Candidate who has selected paper from DSE- D group should select from IDS- B group.
- III. There shall be One Paper EVS (Theory – 70 marks) and Paper EVS (Project – 30 marks) as compulsory Environmental Studies course. The examination shall be conducted at the end of Sem IV. The Credits of the Environmental Studies course shall be assigned at the end of Sem IV.
- IV. There shall be two papers each, from two Discipline Specific Elective DSE- C and DSE - D (subjects) per semester.

c) B.A. Part –III (Sem V & VI) –

For B. A. Part III total 12 papers with 6 papers of each semester and Credits shall be 48 with 24 Credits for each Semester of these. For each

paper there shall be 3.2 Credits for theory and 0.8 credits for internal assessment.

- I.** There shall be Ability Enhancement Compulsory Course AECC-5 for Sem V and AECC- 6 for Sem VI, each of 40 (Theory)+10(Internal) marks.
- II.** There shall be one Discipline Specific Elective (hereafter termed as DSE-E) as a special course (subject) from B. A. part II – DSE- C or DSE-D.
- III.** There shall be 5 theory papers each of 40 marks for a DSE-E per Semester. There shall be 5 internal assessments for each of 10 marks per Semester for DSE-E

5. Scheme of Examination –

The following shall be the scheme of Examination

The Question paper in each Semester for each theory paper for B. A. Semester I, II, III & IV shall be of 50 marks. The question paper for Environmental Studies for Semester IV shall be of 70 marks for theory and 30 marks for project work. For B. A. Semester V & VI question paper shall be of 40 marks for each theory paper.

The following shall be the scheme of Internal Assessment

There shall be continuous Internal Assessment for B.A. Part – III, **Sem V & VI**. Internal Examination/ assessment will be compulsory for all students. If a candidate fails or remains absent in Internal Examination, then candidate will have to clear the Internal Examination in subsequent attempt/s in next semester.

For B. A. Part – III, Sem V & VI – There shall be seminar of 10 marks at Sem V and there shall be oral examination for Sem VI for each theory paper.

- 6. Duration of Semester Examination for each theory paper** - The duration of Semester Examination for each theory paper of 40/50 marks shall be of two hours except Environmental Studies of 70 marks (Sem IV, Examination) which shall be of 3 hrs.

7. **Equivalence of papers and chances for the students in previous-Semester pattern** - Two additional chances from the implementation of CBCS syllabus, shall be provided for the repeater students of old B. A. Part I, II, III – Sem I to VI. After this the concerned students will have to appear for the Examination as per CBCS Pattern. Equivalence of papers shall be provided as per revised syllabus for CBCS pattern.
8. **Standard of passing-** The Standard of passing shall be 35%. For B. A. Part I & II, Sem I to IV the candidate will have to score 18 marks out of 50 in each theory paper. Only for Environmental Studies (Sem IV, Examination) the Student will have to score marks 25 marks out of 70 in theory paper and 11 marks out of 30, for project work. For B. A. Part – III, Sem V and VI, the student will have to score 14 marks out of 40 in each theory paper and 4 marks out of 10 in each Internal Examination/ assessment. There will be a separate head of passing in Theory and Internal Examination. However ATKT rules shall be applicable to Theory Paper (University examination) only.
9. **Gradation Chart:**

Marks Obtained	Numerical Grade (Grade Point)		CGPA	Letter Grade
Absent	0 (zero)		-	-
0 - 34	0 (zero)		0.0 – 4.99	F (Fail)
35 - 44	5		5.00 – 5.49	C
45 - 54	6		5.50 – 6.49	B
55 - 64	7		6.50 – 7.49	B+
65 - 74	8		7.50 – 8.49	A
75 - 84	9		8.50 – 9.49	A+
85 - 100	10		9.50 – 10.0	O (Outstanding)

Note:

1. Marks obtained ≥ 0.5 shall be rounded off to next higher digit.
2. The SGPA & CGPA shall be rounded off to 2 decimal points.
3. Marks obtained in 50 marks or 200 marks paper shall be converted to 100 marks.

Calculation of SGPA & CGPA

1. Semester Grade Point Average (**SGPA**)

$$\text{SGPA} = \frac{\sum(\text{Course credits} \times \text{Grade points obtained}) \text{ of a semester}}{\sum(\text{Course credits}) \text{ of respective semester}}$$

2. Cumulative Grade Point Average (**CGPA**)

$$\text{CGPA} = \frac{\sum(\text{Total credits of a semester} \times \text{SGPA of respective semester}) \text{ of all semesters}}{\sum(\text{Total course credits}) \text{ of all semesters}}$$

10. Ordinances regarding the Examination – O. B.A. 2, 3 & 4 shall prevail.

11. Practical Examinations – There shall be Practical Examination for subjects **Geography, Psychology, Home Science, Physical Education and Yoga**. The rules for Practical Examinations shall be as per the letter / circular issued by respective Board of Studies from time to time.

12. Result - The result of each semester shall be declared as Pass or Fail or Allowed to Keep Terms (A.T.K.T. for Sem II & IV) with grade/ grade points and Credits gained.

13. Revised Rules - These revised rules will be implemented with effect from the academic year 2018-19 onwards for B.A. degree program. However the existing (i.e. pre-revised) rules shall remain in force for the students of old semester pattern during the transition period.

Draft**CBCS R. B. A. 2 (A): i) Structure I: of B. A. Program Sem I & II**

Semester I – Duration : 6 Months									
Teaching Scheme					Evaluation Scheme				
Sr. No.	Course	No. of Lectures	Hours	Credits	Theory	Internal	Total Marks	Min Marks (for passing)	Exam Duration (Hrs.)
1.	AECC	4	3.2	4	50	00	50	18	2
2.	CGE	4	3.2	4	50	00	50	18	2
3.	DSE – I	4	3.2	4	50	00	50	18	2
4.	DSE – I	4	3.2	4	50	00	50	18	2
5.	DSE – I	4	3.2	4	50	00	50	18	2
6.	DSE – I	4	3.2	4	50	00	50	18	2
	Total			24					

Semester II – Duration : 6 Months									
Teaching Scheme					Evaluation Scheme				
Sr. No.	Course	No. of Lectures	Hours	Credits	Theory	Internal	Total Marks	Min Marks (for passing)	Exam Duration (Hrs.)
1.	AECC	4	3.2	4	50	00	50	18	2
2.	CGE	4	3.2	4	50	00	50	18	2
3.	DSE– II	4	3.2	4	50	00	50	18	2
4.	DSE– II	4	3.2	4	50	00	50	18	2
5.	DSE– II	4	3.2	4	50	00	50	18	2
6.	DSE– II	4	3.2	4	50	00	50	18	2
	Total			24					

1. Student Contact Hrs per week : 19.2 hrs	3. Total marks for BA I : 600
2. Lectures : 48 Min	4. Total Credit for BA I : 48

AECC : Ability Enhancement Core Course (Compulsory English).

C.G.E. : Compulsory Generic Elective - Candidate can opt any one course (Subject).

DSE: Discipline Specific Elective - Candidate can opt four courses (Subjects) from DSE. However, Candidate shall opt for at least one language course (subject) from DSE.

ii) Structure II : B. A. Programme Sem III & IV

Semester III – Duration : 6 Months									
Teaching Scheme					Evaluation Scheme				
Sr. No.	Course	No. of Lectures	Hours	Credits	Theory	Internal	Total Marks	Min Marks (for passing)	Exam Duration (Hrs.)
1.	AECC	4	3.2	4	50	00	50	18	2
2.	IDS	4	3.2	4	50	00	50	18	2
3.	DSE – III	4	3.2	4	50	00	50	18	2
4.	DSE – IV	4	3.2	4	50	00	50	18	2
5.	DSE – III	4	3.2	4	50	00	50	18	2
6.	DSE – IV	4	3.2	4	50	00	50	18	2
Total				24					

Semester IV – Duration : 6 Months									
Teaching Scheme					Evaluation Scheme				
Sr. No.	Course	No. of Lectures	Hours	Credits	Theory	Internal	Total Marks	Min Marks (for passing)	Exam Duration (Hrs.)
1.	AECC	4	3.2	4	50	00	50	18	2
2.	IDS	4	3.2	4	50	00	50	18	2
3.	DSE–V	4	3.2	4	50	00	50	18	2
4.	DSE–VI	4	3.2	4	50	00	50	18	2
5.	DSE–V	4	3.2	4	50	00	50	18	2
6.	DSE–VI	4	3.2	4	50	00	50	18	2
7.	EVS	3		4	70+30	00	100	25+10	2
Total				24					

1. Student Contact Hrs per week : 19.2 hrs	3. Total marks for BA I : 600
2. Lectures : 48 Min	4. Total Credit for BA I : 48

AECC : Ability Enhancement Core Course (Compulsory English)

I.D.S.: Inter Disciplinary Studies - Candidate can opt any one course (Subject).

DSE C & D candidate can opt any one compulsory Paper from IDS.

DSE: Discipline Specific Elective - Candidate can opt any two course (Subject) from C & D (which already consist in Part I (Sem I & Sem II))

iii) Structure III : B. A. Programme Sem V & VI

Semester V – Duration : 6 Months									
Sr. No.	Teaching Scheme				Evaluation Scheme				
	Course	No. of Lectures	Hours	Credits	Theory	Internal	Total Marks	Min Marks (For Passing) (Theory + Internal)	Exam Duration (Hrs.)
1.	AECC	4	3.2	4	40	10	50	14+4 = 18	2
2.	DSE – E –VII	4	3.2	4	40	10	50	14+4 = 18	2
3.	DSE – E –VIII	4	3.2	4	40	10	50	14+4 = 18	2
4.	DSE – E – IX	4	3.2	4	40	10	50	14+4 = 18	2
5.	DSE – E – X	4	3.2	4	40	10	50	14+4 = 18	2
6.	DSE – E – XI	4	3.2	4	40	10	50	14+4 = 18	2
	Total			24					

Semester VI – Duration : 6 Months									
Sr. No.	Teaching Scheme				Evaluation Scheme				
	Course	No. of Lectures	Hours	Credits	Theor y	Internal	Total Marks	Min Marks (For Passing) (Theory + Internal)	Exam Duration (Hrs.)
1.	AECC	4	3.2	4	40	10	50	14+4 = 18	2
2.	DSE – E –XII	4	3.2	4	40	10	50	14+4 = 18	2
3.	DSE – E –XIII	4	3.2	4	40	10	50	14+4 = 18	2
4.	DSE – E – XIV	4	3.2	4	40	10	50	14+4 = 18	2
5.	DSE – E – XV	4	3.2	4	40	10	50	14+4 = 18	2
6.	DSE – E – XVI	4	3.2	4	40	10	50	14+4 = 18	2
	Total			24					

AECC : Ability Enhancement Core Course (Compulsory English)

DSE: Discipline Specific Elective - Candidate can opt One DSE course (Subject) (which consist in Part II (Sem III & IV))

CBCS R. B. A. 2 (B): Subject List: of B. A. Program

i) B. A. Part I – Sem I & II

Ability Enhancement Compulsory Course

Sem I		Sem II	
AECC	English	AECC	English

Core Generic Elective

Sem I		Sem II	
CGE A			
CGE – 1	Marathi	CGE –2	Marathi
CGE –3	Hindi	CGE –4	Hindi
CGE –5	Sanskrit	CGE –6	Sanskrit (Lower)
CGE –7	Ardhmagadhi	CGE –8	Ardhmagadhi
CGE –9	Persian	CGE –10	Persian
CGE –11	Urdu	CGE –12	Urdu
CGE –13	Kannada	CGE –14	Kannada
CGE –15	Addl. English	CGE –16	Addl. English
CGE –17	Scientific Method	CGE –18	Scientific Method
CGE –19	Science, Tech. and Development (STD)	CGE –20	Science, Tech. and Development (STD)

Discipline Specific Elective (DSE)

DSE A			
Sem I		Sem II	
DSE – A1	Marathi – I	DSE – A13	Marathi – II
DSE – A2	Hindi – I	DSE – A14	Hindi – II
DSE – A3	English – I	DSE – A15	English – II
DSE – A4	Sanskrit (Lower) – I	DSE – A16	Sanskrit (Lower) –II
DSE – A5	Sanskrit (Higher) –I	DSE – A17	Sanskrit (Higher) II
DSE – A6	Ardhmagadhi– I	DSE – A18	Ardhmagadhi– II
DSE – A7	Persian – I	DSE – A19	Persian – II
DSE – A8	Urdu – I	DSE – A20	Urdu – II
DSE – A9	Kannada – I	DSE – A21	Kannada – II
DSE – A10	Military Science– I	DSE – A22	Military Science– II
DSE – A11	NSS– I	DSE – A23	NSS– II
DSE – A12	Music– I	DSE – A24	Music– II
DSE B			
DSE – B1	History – I	DSE – B15	History – II
DSE – B2	Sociology– I	DSE – B16	Sociology– II
DSE – B3	Economics– I	DSE – B17	Economics– II
DSE – B4	Political Science– I	DSE – B18	Political Science– II
DSE – B5	Philosophy – I	DSE – B19	Philosophy – II
DSE – B6	Psychology – I	DSE – B20	Psychology – II
DSE – B7	Social Work– I	DSE – B21	Social Work– II
DSE – B8	AHIC– I	DSE – B22	AIHC– II
DSE – B9	Linguistics – I	DSE – B23	Linguistics – II
DSE – B10	Geography – I	DSE – B24	Geography – II
DSE – B11	Home Science – I	DSE – B25	Home Science – II
DSE – B12	Statistics – I	DSE – B26	Statistics – II
DSE – B13	Education – I	DSE – B27	Education – II
DSE – B14	Physical Education–I	DSE – B28	Physical Education– II

ii) B. A. Part II - Sem III & IV

Ability Enhancement Compulsory Course

Sem III		Sem IV	
AECC 3	English	AECC 4	English

Inter Disciplinary Studies

Sem III		Sem IV	
Inter Disciplinary Studies (IDS)			
IDS – 1	Marathi	IDS – 2	Marathi
IDS – 3	Hindi	IDS – 4	Hindi
IDS – 5	Sanskrit	IDS – 6	Sanskrit (Lower)
IDS – 7	Ardhmagadhi	IDS – 8	Ardhmagadhi
IDS – 9	Persian	IDS – 10	Persian
IDS – 11	Urdu	IDS – 12	Urdu
IDS – 13	Kannada	IDS – 14	Kannada
IDS – 15	Addl. English	IDS – 16	Addl. English
IDS – 17	Scientific Method	IDS – 18	Scientific Method
IDS – 19	Science, Tech. and Development (STD)	IDS – 20	Science, Tech. and Development (STD)

Grouping of Inter Disciplinary Studies (IDS)

I .D. S. SUBJECT	At least one optional subject from the following (DSE)
A.I.H.C.	History, philosophy, Hindi, Sanskrit, Ardhamagadhi, Pali
Business Administration	Economics, D.S.
Co-operation	Economics, Politics, History, Sociology, Education, Social Work, D.S., Stat, Mathematics, National Service Scheme (N.S.S.)
Cartography	Geography
Human Development	All Subject
Culture & Religion	History, Sociology, A.I.H.C., Psychology, Persian, Social work, Sanskrit, Ardhamagadhi, National Service Scheme (N.S.S.), Music, Pali, Natyashastra
Social Ecology	Economics, Politics, National Service Scheme (N.S.S.), H.S, Sociology, Geography, Ancient Indian History and Culture (A.I.H.C.), Philosophy, Psychology, History, D.S.
History of Marathi Literature	All Languages & Linguistics except Marathi, Music, Natyashastra
History of Hindi Literature	All Languages & Linguistics except Hindi
HSRM	Politics, History, Kannada, National Service Scheme (N.S.S.), Sociology, Education, Psychology, Social Work, Marathi, Urdu.
Industrial Psychology	Psychology
Labour Welfare	Economics, Sociology, National Service Scheme (N.S.S.), Home Science, Social Work
Logic (T)	All Subject except Home Science D.S.
Logic (M)	All Subject except Home Science D.S.
Linguistics	Education and all Languages
Public Administration	All Subject {Social Science} N.S.S. except Mathematics, Languages, H.S. , Music, Natyashastra
Rural Development In India	Sociology, National Service Scheme (N.S.S.), H.S. , D.S. , Social Work, Political Science
RGM/RGT	Geography
Secretarial practice & Communication Correspondence	Mathematical Statistics, English, Marathi, Urdu, German, Kannada
Yoga Studies	All Subject
History of Urdu	All Languages & Linguistics except Urdu
History of Ardhamagadhi Literature	Marathi, Hindi, Sanskrit, Pali, Persian, Kannada, Linguistic, Urdu.

Discipline Specific Elective (DSE)

DSE C			
DSE – C1	Marathi – III	DSE – C25	Marathi – V
DSE – C2	Marathi – IV	DSE – C26	Marathi – VI
DSE – C3	Hindi – III	DSE – C27	Hindi – V
DSE – C4	Hindi – IV	DSE – C28	Hindi – VI
DSE – C5	English – III	DSE – C29	English – V
DSE – C6	English – IV	DSE – C30	English – VI
DSE – C7	Sanskrit (Lower) – III	DSE – C31	Sanskrit (Lower) – V
DSE – C8	Sanskrit (Lower) – IV	DSE – C32	Sanskrit (Lower) – VI
DSE – C9	Sanskrit (Higher) III	DSE – C33	Sanskrit (Higher) – V
DSE – C10	Sanskrit (Higher) IV	DSE – C34	Sanskrit (Higher) – VI
DSE – C11	Ardhmagadhi – III	DSE – C35	Ardhmagadhi – V
DSE – C12	Ardhmagadhi – IV	DSE – C36	Ardhmagadhi – VI
DSE – C13	Persian – III	DSE – C37	Persian – V
DSE – C14	Persian – IV	DSE – C38	Persian – VI
DSE – C15	Urdu – III	DSE – C39	Urdu – V
DSE – C16	Urdu – IV	DSE – C40	Urdu – VI
DSE – C17	Kannada – III	DSE – C41	Kannada – V
DSE – C18	Kannada – IV	DSE – C42	Kannada – VI
DSE – C19	Military Science – III	DSE – C43	Military Science – V
DSE – C20	Military Science – IV	DSE – C44	Military Science – VI
DSE – C21	NSS – III	DSE – C45	NSS – V
DSE – C22	NSS – IV	DSE – C46	NSS – VI
DSE – C23	Music – III	DSE – C47	Music – V
DSE – C24	Music – IV	DSE – C48	Music – VI
DSE D			
DSE – D1	History – III	DSE – D29	History – V
DSE – D2	History – IV	DSE – D30	History – VI
DSE – D3	Sociology – III	DSE – D31	Sociology – V
DSE – D4	Sociology – IV	DSE – D32	Sociology – VI
DSE – D5	Economics – III	DSE – D33	Economics – V
DSE – D6	Economics – IV	DSE – D34	Economics – VI
DSE – D7	Political Science – III	DSE – D35	Political Science – V
DSE – D8	Political Science – IV	DSE – D36	Political Science – VI
DSE – D9	Philosophy – III	DSE – D37	Philosophy – V

DSE – D10	Philosophy – IV	DSE – D38	Philosophy – VI
DSE – D11	Psychology – III	DSE – D39	Psychology – V
DSE – D12	Psychology – IV	DSE – D40	Psychology – VI
DSE – D13	Social Work – III	DSE – D41	Social Work – V
DSE – D14	Social Work – IV	DSE – D42	Social Work – VI
DSE – D15	AIHC – III	DSE – D43	AIHC – V
DSE – D16	AIHC – IV	DSE – D44	AIHC – VI
DSE – D17	Linguistics – III	DSE – D45	Linguistics – V
DSE – D18	Linguistics – IV	DSE – D46	Linguistics – VI
DSE – D19	Geography – III	DSE – D47	Geography – V
DSE – D20	Geography – IV	DSE – D48	Geography – VI
DSE – D21	Home Science – III	DSE – D49	Home Science – V
DSE – D22	Home Science – IV	DSE – D50	Home Science – VI
DSE – D23	Statistics – III	DSE – D51	Statistics – V
DSE – D24	Statistics – IV	DSE – D52	Statistics – VI
DSE – D25	Education – III	DSE – D53	Education – V
DSE – D26	Education – IV	DSE – D54	Education – VI
DSE – D27	Physical Education – III	DSE – D55	Physical Education – V
DSE – D28	Physical Education – IV	DSE – D56	Physical Education – VI

iii) B. A. Part III - Sem V & VI

Ability Enhancement Compulsory Course

Sem III		Sem IV	
AECC 5	English	AECC 6	English

Discipline Specific Elective (DSE)

DSE E			
DSE – E1	Marathi – VII	DSE – E126	Marathi – XII
DSE – E2	Marathi – VIII	DSE – E127	Marathi – XIII
DSE – E3	Marathi – IX	DSE – E128	Marathi – XIV
DSE – E4	Marathi – X	DSE – E129	Marathi – XV
DSE – E5	Marathi – XI	DSE – E130	Marathi – XVI
DSE – E6	Hindi – VII	DSE – E131	Hindi – XII
DSE – E7	Hindi – VIII	DSE – E132	Hindi – XIII
DSE – E8	Hindi – IX	DSE – E133	Hindi – XIV
DSE – E9	Hindi – X	DSE – E134	Hindi – XV
DSE – E10	Hindi – XI	DSE – E135	Hindi – XVI
DSE – E11	English – VII	DSE – E136	English – XII
DSE – E12	English – VIII	DSE – E137	English – XIII
DSE – E13	English – IX	DSE – E138	English – XIV
DSE – E14	English – X	DSE – E139	English – XV
DSE – E15	English – XI	DSE – E140	English – XVI
DSE – E16	Sanskrit – VII	DSE – E141	Sanskrit – XII
DSE – E17	Sanskrit – VIII	DSE – E142	Sanskrit – XIII
DSE – E18	Sanskrit – IX	DSE – E143	Sanskrit – XIV
DSE – E19	Sanskrit – X	DSE – E144	Sanskrit – XV
DSE – E20	Sanskrit – XI	DSE – E145	Sanskrit – XVI
DSE – E21	Ardhmagadhi – VII	DSE – E146	Ardhmagadhi – XII
DSE – E22	Ardhmagadhi – VIII	DSE – E147	Ardhmagadhi – XIII
DSE – E23	Ardhmagadhi – IX	DSE – E148	Ardhmagadhi – XIV
DSE – E24	Ardhmagadhi – X	DSE – E149	Ardhmagadhi – XV
DSE – E25	Ardhmagadhi – XI	DSE – E150	Ardhmagadhi – XVI
DSE – E26	Persian – VII	DSE – E151	Persian – XII
DSE – E27	Persian – VIII	DSE – E152	Persian – XIII
DSE – E28	Persian – IX	DSE – E153	Persian – XIV
DSE – E29	Persian – X	DSE – E154	Persian – XV
DSE – E30	Persian – XI	DSE – E155	Persian – XVI

DSE – E31	Urdu – VII	DSE – E156	Urdu – XII
DSE – E32	Urdu – VIII	DSE – E157	Urdu – XIII
DSE – E33	Urdu – IX	DSE – E158	Urdu – XIV
DSE – E34	Urdu – X	DSE – E159	Urdu – XV
DSE – E35	Urdu – XI	DSE – E160	Urdu – XVI
DSE – E36	Kannada – VII	DSE – E161	Kannada – XII
DSE – E37	Kannada – VIII	DSE – E162	Kannada – XIII
DSE – E38	Kannada – IX	DSE – E163	Kannada – XIV
DSE – E39	Kannada – X	DSE – E164	Kannada – XV
DSE – E10	Kannada – XI	DSE – E165	Kannada – XVI
DSE – E41	Physical Education– VII	DSE – E166	Physical Education– XII
DSE – E42	Physical Education– VIII	DSE – E167	Physical Education– XIII
DSE – E43	Physical Education– IX	DSE – E168	Physical Education– XIV
DSE – E44	Physical Education– X	DSE – E169	Physical Education– XV
DSE – E45	Physical Education– XI	DSE – E170	Physical Education– XVI
DSE – E46	Military Science– VII	DSE – E171	Military Science– XII
DSE – E47	Military Science– VIII	DSE – E172	Military Science– XIII
DSE – E48	Military Science– IX	DSE – E173	Military Science– XIV
DSE – E49	Military Science– X	DSE – E174	Military Science– XV
DSE – E50	Military Science– XI	DSE – E175	Military Science– XVI
DSE – E51	NSS – VII	DSE – E176	NSS – XII
DSE – E52	NSS– VIII	DSE – E177	NSS– XIII
DSE – E53	NSS– IX	DSE – E178	NSS– XIV
DSE – E54	NSS– X	DSE – E179	NSS– XV
DSE – E55	NSS– XI	DSE – E180	NSS– XVI
DSE – E56	Music – VII	DSE – E181	Music – XII
DSE – E57	Music – VIII	DSE – E182	Music – XIII
DSE – E58	Music – IX	DSE – E183	Music – XIV
DSE – E59	Music – X	DSE – E184	Music – XV
DSE – E60	Music – XI	DSE – E185	Music – XVI
DSE – E61	History – VII	DSE – E186	History – XII
DSE – E62	History– VIII	DSE – E187	History– XIII
DSE – E63	History–IX	DSE – E188	History– XIV
DSE – E64	History– X	DSE – E189	History– XV
DSE – E65	History– XI	DSE – E190	History– XVI
DSE – E66	Sociology – VII	DSE – E191	Sociology – XII
DSE – E67	Sociology– VIII	DSE – E192	Sociology– XIII

DSE – E68	Sociology– IX	DSE – E193	Sociology– XIV
DSE – E69	Sociology– X	DSE – E194	Sociology– XV
DSE – E70	Sociology– XI	DSE – E195	Sociology– XVI
DSE – E71	Economics – VII	DSE – E196	Economics – XII
DSE – E72	Economics– VIII	DSE – E197	Economics– XIII
DSE – E73	Economics– IX	DSE – E198	Economics– XIV
DSE – E74	Economics– X	DSE – E199	Economics– XV
DSE – E75	Economics– XI	DSE – E200	Economics– XVI
DSE – E76	Political Science – VII	DSE – E201	Political Science – XII
DSE – E77	Political Science– VIII	DSE – E202	Political Science– XIII
DSE – E78	Political Science– IX	DSE – E203	Political Science– XIV
DSE – E79	Political Science– X	DSE – E204	Political Science– XV
DSE – E80	Political Science– XI	DSE – E205	Political Science– XVI
DSE – E81	Philosophy – VII	DSE – E206	Philosophy – XII
DSE – E82	Philosophy – VIII	DSE – E207	Philosophy – XIII
DSE – E83	Philosophy – IX	DSE – E208	Philosophy – XIV
DSE – E84	Philosophy – X	DSE – E209	Philosophy – XV
DSE – E85	Philosophy – XI	DSE – E210	Philosophy – XVI
DSE – E86	Psychology – VII	DSE – E211	Psychology – XII
DSE – E87	Psychology – VIII	DSE – E212	Psychology – XIII
DSE – E88	Psychology – IX	DSE – E213	Psychology – XIV
DSE – E89	Psychology – X	DSE – E214	Psychology – XV
DSE – E90	Psychology – XI	DSE – E215	Psychology – XVI
DSE – E91	Social Work– VII	DSE – E216	Social Work– XII
DSE – E92	Social Work– VIII	DSE – E217	Social Work– XIII
DSE – E93	Social Work– IX	DSE – E218	Social Work– XIV
DSE – E94	Social Work– X	DSE – E219	Social Work– XV
DSE – E95	Social Work– XI	DSE – E220	Social Work– XVI
DSE – E96	AIHC– VII	DSE – E221	AIHC– XII
DSE – E97	AIHC– VIII	DSE – E222	AIHC– XIII
DSE – E98	AIHC– XI	DSE – E223	AIHC– XIV
DSE – E99	AIHC– X	DSE – E224	AIHC– XV
DSE – E100	AIHC– XI	DSE – E225	AIHC– XVI
DSE – E101	Linguistics – VII	DSE – E226	Linguistics– XII
DSE – E102	Linguistics– VIII	DSE – E227	Linguistics– XIII
DSE – E103	Linguistics – XI	DSE – E228	Linguistics – XIV

DSE – E104	Linguistics – X	DSE – E229	Linguistics – XV
DSE – E105	Linguistics – XI	DSE – E230	Linguistics – XVI
DSE – E106	Geography – VII	DSE – E231	Geography – XII
DSE – E107	Geography– VIII	DSE – E232	Geography– XIII
DSE – E108	Geography – XI	DSE – E233	Geography – XIV
DSE – E109	Geography – X	DSE – E234	Geography – XV
DSE – E110	Geography – XI	DSE – E235	Geography – XVI
DSE – E111	Home Science – VII	DSE – E236	Home Science – XII
DSE – E112	Home Science– VIII	DSE – E237	Home Science– XIII
DSE – E113	Home Science – XI	DSE – E238	Home Science – XIV
DSE – E114	Home Science – X	DSE – E239	Home Science – XV
DSE – E115	Home Science – XI	DSE – E240	Home Science – XVI
DSE – E116	Statistics – VII	DSE – E241	Statistics – XII
DSE – E117	Statistics – VIII	DSE – E242	Statistics – XIII
DSE – E118	Statistics – XI	DSE – E243	Statistics – XIV
DSE – E119	Statistics – X	DSE – E244	Statistics – XV
DSE – E120	Statistics – XI	DSE – E245	Statistics – XVI
DSE – E121	Education – VII	DSE – E246	Education – XII
DSE – E122	Education – VIII	DSE – E247	Education – XIII
DSE – E123	Education – XI	DSE – E248	Education – XIV
DSE – E124	Education – X	DSE – E249	Education – XV
DSE – E125	Education – XI	DSE – E250	Education – XVI

Draft**Rules of B.A. as per Choice Based Credit System (CBCS) pattern implemented from the academic year 2018-19****Faculty of Humanities**

Sr. No.	Present Rules	Amended Rules
1.	<p>R.B.A. 1: The Three-Year B.A. Degree Course shall consist of Part-I, Part-II and Part-III for the purpose of <u>Semester</u> Examinations. The Examination shall be held as shown below:</p> <p>Part-I (<u>Sem.-I & II</u>) : at the end of <u>respective terms</u>.</p> <p>Part-II (<u>Sem.-III & IV</u>): at the end of <u>respective terms</u>.</p> <p>Part-III (<u>Sem.-V & VI</u>): at the end of <u>respective terms</u>.</p>	<p>CBCS R. B. A. 1:</p> <p>The 3 year B. A. CBCS Program shall consist of 6 semesters each of 6 months duration. Semester Examination shall be held at the end of each semester.</p>
2.	<p>R.B.A.1-A: For Parts-I(<u>Sem.-I & II</u>) , II (<u>Sem.-III & IV</u>) & III (<u>Sem.-V & VI</u>) there shall be four periods per paper per week.</p>	<p>CBCS R. B. A. 2 (A):</p> <p>Please refer to the :</p>
3.	<p>R.B.A.2: The following shall be the course of studies for the B.A. Part-I (I & II Semester) examination.</p> <p>The B.A. Part-I <u>Semester</u> Examination (Semester I & II) shall consist of six papers (in each semester), each of <u>2</u> hours' duration and carrying total 50 marks.</p> <ol style="list-style-type: none"> English (Compulsory) Science, Technology and Development or Scientific Method or a Modern Indian Language or a Classical Language or Additional English. <p>If a student wants to take Mathematics or Statistics at the B. A. Part-III level, he must have offered Mathematics and Applied Mathematics at B. A. Part-I & II in the case of Mathematics; and Mathematical Statistics and Applied Mathematical Statistics at B. A. Part-I & II in the case of</p>	<p>(i) Structure - I for B. A. Part – I</p> <p>(ii) Structure - II for B. A. Part – II</p> <p>(iii) Structure - III for B. A. Part – III</p> <p>(iv) Soft Skill Courses (SSC)</p> <p>For Sem I and II there shall be compulsory Soft Skill Courses (SSC) under Self study mode which are as follows:</p> <p>Sem I: SSC – I : Democracy, Elections and Good Governance (2 Credits)</p> <p>Sem II: SSC – II : Any one from (i) to (v) (2 Credits)</p> <p>i) Business Communication & Presentation ii) Event management iii) Personality Development, iv) Yoga & Physical Management v) Resume, Report &</p>

	<p>Statistics.</p>	<p>proposal writing.</p> <p>Sem V: SSC – III : Constitution of India and Local Self Government (2 Credits)</p> <p>Sem VI: SSC – IV: Any one from (vi) to (x) (2 Credits)</p> <p>vi) Interview & Personal Presentation Skill, vii) Entrepreneurship Development Skill, viii) Travel & Tourism, ix) E-Banking & financial services, x) RTI & Human Right Education, IPR & Patents</p> <ul style="list-style-type: none"> • <i>These courses are of Self Study mode. The study material of all above courses will be made available on University website.</i> • <i>The Examination of each of the course will be of 50 marks having 25 MCQ questions. Minimum 20 marks (40%) out of 50 are required for passing.</i> • <i>The duration of examination shall be 60 minutes.</i> • <i>The examination shall be conducted at the college level.</i> • <i>The list of all candidates along with marks is to be submitted to the University.</i> • <i>The degree will be awarded only after successful completion of these courses.</i> • <i>The Credits achieved by the successful student shall be separately mentioned in Result-sheet.</i> <p>CBCS R. B. A. 2 (B):</p> <p>List of courses: Refer to the course (subject) list.</p>
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3. Any four subjects form the lists of optional subjects given under Groups A and B, provided at least one subjects is selected form each Group. But a student shall not select more than one subject from any of the subgroups (Compartments) given under Groups A and B

(A student who select the optional subject in Semester-I he/she can not be change his/her optional subject in Semester-II)

Compulsory one of the following subjects			
1.	English (Compulsory)	1.	Scientific Method
		2.	Science, Tech. & Development
		3.	Marathi
		4.	Hindi
		5.	Kannada
		6.	Urdu
		7.	Sanskrit
		8.	Ardhmagadhi
		9.	Persian
		10.	Addl. English

GROUP 'A'				
1	2	3	4	5
1. Marathi	1. Hindi	1. English	1. Sanskrit	NCC
2. Urdu		2. Music	2. Ardhmagadhi	NSS
3. Kannada			3. Persian	

GROUP 'B'						
1	2	3	4	5	6	7
1. History	1. Sociology	1. Economics	1. Politics	1. Philosophy	1. Psychology	1. Geography
				2. Education	2. Social Work	2 Linguistics
				3. Physical Education		3. Home Science
				4.A.I.H. & C.		

<p>5. R. B. A. 3 : The following shall be the course of studies for the B.A. Part-II Semester Examinations.</p> <p>The B. A. Part-II Semester Examinations shall consist of six papers (in each semester) each of two hours' duration and carrying 50 marks for University (Theory) examination.</p> <p style="text-align: center;">B. A. Part-II (Second Year)</p> <ol style="list-style-type: none"> 1. English (Compulsory) 2. IDS - The third subject with one paper shall be of an inter-disciplinary nature. The inter-disciplinary subject to be offered by the candidate shall be from amongst the subjects mentioned against each of the optional subjects. 3. A Student shall choose two subjects with two papers each out of the four optional subjects of the 1st year. <p><i>Note:</i> A candidate who has passed the B. A. Part-I (Old Course) of this University or an examination of any other statutory university (Theory) or an examining body, recognised as equivalent thereto, is allowed to select any two optional subjects at the B. A. Part-II Course, irrespective of the optional subject offered by him at his B. A. Part-I Course Examination.</p>	<p>CBCS R. B. A. 3:</p> <p>The following shall be the course of studies for the B.A. Part-II CBCS Semester Examinations.</p> <p>The B. A. Part-II Semester Examinations shall consist of six papers (in each semester) each of two hours duration and carrying 50 marks for University (Theory) examination.</p> <p style="text-align: center;">B. A. Part-II (Second Year)</p> <ol style="list-style-type: none"> 1. English 2. IDS (Generic Elective) - The Second course (subject) shall be inter-disciplinary. The inter-disciplinary course (subject) to be offered by the candidate shall be from amongst the courses (subjects) mentioned against each of the DSE courses (subjects). 3. A candidate shall choose two courses (subjects) with two papers each out of the four DSE courses (subjects) of the 1st year. <p><i>Note:</i> A candidate who has passed the B. A. Part-I (CBCS pattern) of this University or any other statutory university is recognised as equivalent thereto. Candidate is allowed to select any two DSE at the B. A. Part-II, irrespective of the DSE offered by him at his B. A. Part-I Examination.</p>
<p>R. B. A. 4 :</p> <p>i) The following shall be the course of studies for the B. A. Part-</p>	<p>CBCS R. B. A. 4:</p>

<p>III Semester Examinations :-</p> <p>The B. A. Part-III <u>Semester</u> Examinations shall consist of Six papers (in each semester), each of <u>two</u> hours' duration and carrying <u>40 Marks</u> for university (Theory) examination <u>and 10 Marks for internal examination. English Compulsory and five Papers of one special subject are to be selected from two optional subjects offered at second year.</u></p> <p>English 2 to 6 One of the two optional subjects of the 2nd year with five papers.</p>	<p>The following shall be the course of studies for the B. A. Part-III Semester Examinations :-</p> <p>The B. A. Part-III Semester Examinations shall consist of Six papers (in each semester), each of <u>two hours (90 Minutes)</u> duration and carrying 40 Marks for university (Theory) examination and 10 Marks for internal examination. English Compulsory and five Papers of one special subject are to be selected from two optional subjects offered at second year.</p>																
<p>R.B.A.5:</p> <p>a) A candidate will have the option of answering questions in any of the subjects other than Languages, either in Marathi or in English.</p> <p>b) In the case of Languages, the question shall be answered in the media as indicated below, except those questions which require translation into a particular language:</p> <table border="0"> <tr> <td style="text-align: center;">Language</td><td style="text-align: center;">Media</td></tr> <tr> <td>Sanskrit, Pali, Ardhamagadhi :</td><td>The same language or English or Marathi.</td></tr> <tr> <td>Persian</td><td>: Persian, Urdu, English, or Marathi.</td></tr> </table> <p>Marathi, Kannada, Urdu, Hindi: The same language.</p> <p>English, German: The same language or English.</p> <p><i>Note:-</i> The question papers in the subjects mentioned in Groups A and B except Modern Indian Languages, English, Mathematics, Applied Mathematics and Statistics (Applied and Mathematical) will be set in English as well as in Marathi. The question papers in Modern Indian Languages will be set in those languages while those in English, Mathematical Statistics, Mathematics,</p>	Language	Media	Sanskrit, Pali, Ardhamagadhi :	The same language or English or Marathi.	Persian	: Persian, Urdu, English, or Marathi.	<p>CBCS R. B. A. 5:</p> <p>a) A candidate will have the option of answering questions in any of the subjects other than Languages, either in Marathi or in English.</p> <p>b) In the case of Languages, the question shall be answered in the medium as indicated below, except those questions which require translation into a particular language:</p> <table border="1"> <thead> <tr> <th>Language</th><th>Medium of Examination</th></tr> </thead> <tbody> <tr> <td>Sanskrit, Pali, Ardhamagadhi</td><td>The same language or English or Marathi.</td></tr> <tr> <td>Persian</td><td>Persian, Urdu, English, or Marathi.</td></tr> <tr> <td>Marathi, Kannada, Urdu, Hindi</td><td>The same language</td></tr> <tr> <td>English, German</td><td>The same language or English.</td></tr> </tbody> </table> <p>c) The question papers in Modern Indian Languages will be set in those languages while those in English, Mathematical Statistics, Mathematics, Applied Mathematics and Applied</p>	Language	Medium of Examination	Sanskrit, Pali, Ardhamagadhi	The same language or English or Marathi.	Persian	Persian, Urdu, English, or Marathi.	Marathi, Kannada, Urdu, Hindi	The same language	English, German	The same language or English.
Language	Media																
Sanskrit, Pali, Ardhamagadhi :	The same language or English or Marathi.																
Persian	: Persian, Urdu, English, or Marathi.																
Language	Medium of Examination																
Sanskrit, Pali, Ardhamagadhi	The same language or English or Marathi.																
Persian	Persian, Urdu, English, or Marathi.																
Marathi, Kannada, Urdu, Hindi	The same language																
English, German	The same language or English.																

<p>Applied Mathematics and Applied Mathematical Statistics will be set in English only.</p> <p>Nature of Question Papers:</p> <p><u>The nature of Question Paper shall be as decided by the respective faculties i.e. Faculty of Arts & Fine Arts and the Faculty of Social Sciences from time to time.</u></p>	<p>Mathematical Statistics will be set in English only.</p> <p>Nature of Question Papers:</p> <p>The nature of Question Paper shall be as decided by the Humanities Faculty.</p>
<p>R.B.A.6:</p> <p>i) A student of B.A. Part-I class may be permitted by the Principal of the College to change any <u>of</u> the subjects in the course selected by him in that class during the first term only of that year, provided that the Principal is satisfied that the student <u>requesting for</u> such a change will be able to complete his/her course in the new subject during the time remaining at his disposal in the <u>first term i.e. before filling the examination form.</u></p> <p>ii) A student of B.A. Part-II Class may be permitted by the Principal of the college to change his optional subject during the first term <u>of that year.</u> Provided that the Principal is satisfied that the student <u>requesting for</u> such a change will be able to complete his course in the new subject during the time remaining at his/her disposal in the <u>respective term i.e. before filling the examination form.</u></p> <p>iii) A student who desires to change his subject at B.A. Part-II other than his optional subjects of B.A. Part-I, shall have to keep two terms for the subject simultaneously with <u>respective terms of</u> Part-II.</p> <p>iv) A Student of B.A. Part-III Class may be permitted by the Principal of the College to change his special subject during the first term only. Provided that the Principal is satisfied that the student <u>requesting for</u> such a change will be able to complete his</p>	<p>CBCS R. B. A. 6:</p> <p>i. The Principal of the college may permit candidate to change optional course (subject) / (subjects) in the first term only of the respective year before submission of University Examination form.</p> <p>ii. If a candidate desires to change the optional courses (Subjects), already taken for B. A. Part II, the candidate has to reappear for terms of B. A. Part I: Sem I & II, (for theory and practical) with courses (Subjects) which the candidate desires. In this case candidate's earlier performance shall be cancelled.</p> <p>iii. If a candidate desires to change the optional courses (Subjects), already taken for B. A. Part III, the candidate has to reappear for terms of B. A. Part I & II: Sem I to IV, (for theory and practical) with courses (Subjects) which the candidate desires. In this case candidate's earlier performance shall be cancelled.</p> <p>iv. A candidate who desires to change the course (subject) shall have to keep four additional terms and shall have to clear Part-I & Part-II (respective semesters) subject.</p>

<p>course in the new subject during the time remaining at his disposal in the <u>respective term i.e. before filling the examination form.</u></p> <p>v) A Student who desires to change his special subject of B.A. Part-III other than the optional subjects of Part-I & Part-II shall have to keep four additional terms and shall have to clear Part-I (<u>respective semesters</u>) subject along with (<u>respective semesters</u>) of B. A. Part-II.</p>	
<p>R.B.A.7: An application, which must be in the prescribed form and accompanied by the prescribed fee for admission to any part/<u>semester</u> of the B.A. Degree Examination shall be forwarded by a candidate to the <u>Controller of Examinations</u> through the Principal of the College attended by him, on or before the prescribed date, along with the certificate from the Principal of his having attended the course and kept the terms in the various subject and of his/her having satisfied other conditions laid down by the University and of his/her being a fit candidate for the Examination. The certificate of attendance during the <u>respective</u> term of the B.A. Part-I course shall be forwarded by the Principal of the College, on or immediately after the closing date of the <u>respective</u> term of the academic year.</p> <p>Note: In regard to the condition relating to the keeping of terms mentioned above, the provisions made in the Ordinance 78 given below should be specifically noted.</p>	<p>CBCS R. B. A. 7:</p> <p>The Principal of the college has to certify the attendance and the examination form of the candidate as per the Ordinance O. 31 and O. 37. A candidate has to submit University examination form as per the Schedule and dates prescribed by the University for every Examination.</p>
<p>R.B.A.8: The scheme of the Physical Education has been made operative for B.A. Part-I.</p> <p>The benefit of Marks obtained by the students in Physical Education Test (<u>of 10 Marks</u>) conducted by the University and N.C.C. authorities shall be as under:-</p> <p>1. If a student fails in <u>up to four</u> heads of passing and having passed</p>	<p>CBCS R. B. A. 8:</p> <p>The scheme of the Physical Education has been made operative for B.A. Part-I.</p> <p>The benefit of Marks obtained by the students in Physical Education Test (<u>of 10 Marks</u>) conducted by the University and N.S.S. authorities shall be as under:-</p>

<p>in all the remaining heads of passing, the marks obtained by him in the Physical Education Test shall be added to <u>maximum up to four heads</u> of passing in which he/she had failed as the case may be. A student getting the benefit of Physical Education marks should not be given advantage of any other Ordinance. The Physical Education Marks shall not be considered for the award of Class and for deciding merit.</p> <p>2. If a result of addition of Physical Education marks a student does not pass the examination, the marks obtained by him/her in Physical Education shall not be considered.</p> <p>3. The marks of Physical Education obtained by the unsuccessful students at the B.A. Part-I <u>Semester</u> Examination shall be carried forward for their subsequent attempt/s.</p> <p>4. The marks obtained in Physical Education shall not be considered for earning exemption in a subject or head of passing, but the marks will be carried forward for availing the benefit at the subsequent attempt/s.</p> <p>5. The marks secured by the students under the Physical Education scheme shall be added to the total of his/her marks in the examination irrespective of the facts of his passing or failure in the examination. The Physical Education marks shall be show as Total + P.E. marks.</p> <p>6. <u>The Physical Education Test shall be conducted in the first semester itself.</u></p>	<p>i. If a student fails in <u>up to four</u> heads of passing and having passed in all the remaining heads of passing, the marks obtained by him in the Physical Education Test shall be added to <u>maximum up to four heads</u> of passing in which he/she had failed as the case may be. A student getting the benefit of Physical Education marks should not be given advantage of any other Ordinance. The Physical Education Marks shall not be considered for the award of Class and for deciding merit.</p> <p>ii. If as a result of addition of Physical Education marks, a candidate does not pass the examination, the marks obtained by candidate in Physical Education shall not be considered.</p> <p>iii. The marks of Physical Education obtained by the failed students at the B.A. Part-I Semester Examination shall be carried forward for their subsequent attempt/s.</p> <p>iv. The marks obtained in Physical Education shall not be considered for earning exemption in a subject or head of passing, but the marks will be carried forward for availing the benefit at the subsequent attempt/s.</p> <p>v. The marks secured by the students under the Physical Education scheme shall be added to the total of candidate's marks in the examination irrespective of the facts of candidate's passing or failure in the examination. The Physical Education marks shall be show as Total + P.E. marks.</p> <p>vi. The Physical Education Test shall be conducted in the first semester itself.</p>
<p>R.B.A.9: The B.A. Part-I, II and III <u>Semester</u> Examinations shall be held twice in a year in April / May and October / November.</p>	<p>CBCS R. B. A. 9:</p>

		The B.A. Part-I, II and III Semester Examinations shall be held twice in a year in April / May and October / November.
	R.B.A.10: A candidate, who has kept one term in this University or in any of the Universities in the State of Maharashtra for the Intermediate Arts Examination or an examination recognized as equivalent there to shall be allowed to join the second term of the B. A. Part-I course for the second term.	CBCS R. B. A. 10: A candidate who has satisfactorily kept term for first Sem of B. A. Part-I in this University or any other Universities following UGC, CBCS pattern shall be allowed to join for the Second Sem of the B. A. Part-I in this University.
	R.B.A.11: i) A candidate, who has once passed the B.A. Degree Examination of this University, shall be permitted, on the submission of a fresh application and the payment of a fresh fee, to appear again at the B.A. degree examination offering as his special subject any one of his optional subjects, other than the special subject in which he has already passed; provided he fulfils the usual conditions laid down for regular students, but he will not be awarded a class or degree. However, he will awarded certificate by the University. ii) A candidate who has passed the B.Sc./B.Com. Degree Examination of this University or an examination recognized as equivalent thereto shall be allowed to take admission to B.A. Part-II Course. Such a candidate shall be required to appear in all the papers of B.A. Parts-I, II and III to enable him to be eligible for award of a degree and a class, but not for a prize, scholarship, medal or any other award. Those of the students who do not desire to have a Class, need not appear for the papers of B.A. Part-I Examination. iii) A candidate passing the B.Com. Examination of this University or an examination recognized as equivalent thereto and intending	CBCS R. B. A. 11: i) A candidate, who has once passed the B.A. Degree Examination of this University, shall be permitted, on the submission of a fresh application and the payment of a fresh fee, to appear again at the B.A. degree examination offering as his special subject any one of his DSC (optional) subjects, other than the special subject in which candidate has already passed; provided candidate fulfils the usual conditions laid down for regular students, but candidate will not be awarded a class or degree. However, candidate will be awarded passing certificate by the University. ii) The Candidate who has already taken degree in any of the DSE courses and wants to change the principal courses, candidate can appear for new course as principal course (Subjects), from amongst the optional subjects of B. A. Part II, the candidate can complete his new course; however the candidate will not be offered new degree in the principal subject. If the candidate wishes to have new degree, he shall have to surrender his first degree.

<p>to appear for the B.A. Examination shall at his option be exempted from appearing in English of B.A. Parts-II & III. Such of the candidates offering Economics at B.A. examination shall at his option be exempted from appearing in the optional papers in Economics at B.A. Part-II and in English at B.A. Parts-II & III. Candidate claiming such exemptions shall not be eligible for a class.</p> <p>iv) A candidate passing the B.Sc. examination of this University or an examination recognized as equivalent thereto shall be exempted at his option, from appearing in the paper of English at B.A. Part-III. Candidate claiming such exemptions shall not be eligible for a class.</p>	<p>iii) A candidate who has passed the B.Sc./B.Com. Degree Examination of this University or an examination recognized as equivalent thereto shall be allowed to take admission to B.A. Part-II programme. Such a candidate shall be required to appear in all the papers of B.A. Part -I, II and III to enable him to be eligible for award of a degree and a class, but not for a prize, scholarship, medal or any other award. Those students who do not desire to have a Class / degree , need not appear for the papers of B.A. Part-I Examination.</p> <p>iii) A candidate passing the B.Com. Examination of this University or an examination recognized as equivalent thereto and intending to appear for the B.A. Examination shall at his option be exempted from appearing in English of B.A. Part -II & III. Such candidates offering Economics at B.A. examination, be exempted from appearing in the optional papers in Economics at B.A. Part-II and in English at B.A. Part-II & III. However, such candidate shall not be eligible for a class.</p> <p>iv) A candidate passing the B.Sc. examination of this University or an examination recognized as equivalent, shall be exempted from appearing in the paper of English (AECC) at B.A. Part-III. However, such candidate shall not be eligible for a class.</p>
<p>R.B.A.12:</p> <p>A) A Candidate, who has once passed the B.A. Degree Examination of this University or an examination of any other Statutory University or examining body recognized as equivalent thereto, shall be allowed to appear again for the same examination provided <u>he/she</u> offers optional subjects different from those in</p>	<p>CBCS R. B. A. 12:</p> <p>A) A Candidate, who has once passed the B.A. Degree of this University or any other Statutory University or recognized as equivalent thereto, shall be allowed to appear again for the same examination provided the candidate offers DSE subjects different from those in which he has already passed</p>

<p>which he has already passed at the B.A. Part-II and III Examinations and provided further he keeps four terms in a college affiliated to this University (two for part-II and two for <u>Part-III</u>). Such a candidate will be required to appear for all the papers of B.A. Parts-I, II and III including compulsory subjects. Such a candidate will not be required to keep terms for B.A. Part-I Papers.</p> <p>A candidate taking the B.A. Degree in accordance with the provisions stated above shall be eligible for a degree and a class; but not for a prize, a scholarship, a medal or any other award.</p> <p>B) Such a candidate shall be exempted at his option in English (Compulsory) of B. A. Part-II & III. He need not appear for the papers of B.A. Part-I Examination. A candidate claiming such exemption shall not be eligible for a class.</p>	<p>at the B.A. Part-II and III Examinations and provided further he keeps four terms in a College affiliated to this University (two for Part-II and two for Part-III Such a candidate will not be required to keep terms for B.A. Part-I Papers.</p> <p>Such a candidate shall be exempted from AECC (Compulsory English) of B. A. Part-II & III. Candidate need not appear for the papers of B.A. Part-I Examination.</p> <p>A candidate appearing for above examination in accordance with the provisions stated above shall not be eligible for a degree, a class, prize, a scholarship, a medal or any other award.</p>
<p>R.B.A.13: The provisions of R.B.A. 11 and 12 shall also apply to a <u>distance mode</u> candidate.</p>	<p>CBCS R. B. A. 13:</p> <p>The provisions of R.B.A. 11 and 12 shall also apply to a <u>distance mode</u> candidate.</p>
<p>R.B.A.14: For every subject of B.A. Parts-I (Sem. I& II), II (Sem.III & IV) and III (Sem.V & VI) each theory, internal and practical (wherever applicable) shall form a separate head of passing</p>	<p>CBCS R. B. A. 14:</p> <p>For every subject of B.A. Parts-I (Sem. I& II), II (Sem.III & IV) and III (Sem.V & VI) each theory, internal and practical (wherever applicable) shall have a separate head of passing</p>
<p>R.B.A.15:</p> <p>i) The result of the B.A. Part-I examination shall be declared publicly in two categories viz. I) Candidate who have passed the Part-I examination and II) candidates who are allowed to proceed to the B.A. Part-II course.</p> <p>ii) The result of the B.A. Part-II examination shall be declared publicly in two categories viz. i) Candidates who have passed in</p>	<p>CBCS R. B. A. 15:</p> <p>i) The result of the B.A. Part-I examination shall be declared publicly in two categories viz. a) Candidate who have passed the Part-I examination and b) candidates who are allowed to keep term for B.A. Part-II course.</p> <p>ii) The result of the B.A. Part-II examination shall be declared</p>

<p>all papers of the examination in addition to the remaining papers, if any of the lower Examination ii) candidates who are allowed to proceed to the next higher course.</p> <p>No Classes shall be awarded at B.A. Parts-I & Part- II <u>Semester Examination</u> and no Passing Certificate shall be issued to the candidates for these examinations.</p> <p>iii) The result of the Three Year B.A. Degree Examination shall be declared in three classes. The award of the scholarships and prizes for the B.A. Degree Examination shall be determined on the basis of the aggregate performance of the candidate of all the papers of the B.A. Parts-I, II & III <u>Semester Examination</u>.</p>	<p>publicly in two categories viz. a) Candidates who have passed in all papers of the examination in addition to the remaining papers, if any of the lower Examination b) candidates who are allowed to keep term for B.A. Part-III course.</p> <p>No Class shall be awarded at B.A. Part-I & Part- II <u>Semester Examination</u> and no Passing Certificate shall be issued to the candidates for these examinations.</p> <p>iii) The result of B.A. Program (Sem I to VI) shall be declared in Grades by considering SGPA & CGPA (with percentage) based on the performances of all the courses at respective semesters. The award of scholarships and prizes for the B.A. Program shall be determined on the basis of the aggregate performance of the candidate at Sem I to VI examination.</p>
	<p>CBCS R. B. A. 16:</p>
<p>R.B.A. 17: A candidate passing Parts-I or II <u>Semester</u> Examinations of the B.A. Degree Course of the Regional Universities can take admission to the next higher class. Such of the students appearing for the papers of the higher class only will not be eligible for any class i.e. successful students shall be declared to have merely passed the examination. For purposes of Class, such candidate shall have to appear for all the papers of B.A. Parts-I, II and III of this University <u>Or Equivalence Test conducted by this University</u>. The provision of this Regulation is applicable to the students of those Regional Universities which reciprocate with this University in giving similar concession to the students of this University.</p> <p>Those of the students who have obtained the concession of A.T.KT. at any of the examinations of the University in the State of</p>	<p>CBCS R. B. A. 17:</p> <p>A candidate passing Part – I or II Semester Examinations of the B.A. Degree programme under CBCS of the other Statutory Universities can take admission to next semester of Shivaji University and the marks of earlier semesters of previous Statutory University be converted in proportion to Shivaji University, Marks structure and grades be awarded accordingly.</p> <p>However, if the candidate's previous programme is not under CBCS, the above provision will not be applicable.</p> <p>Such students appearing for the papers will not be eligible for any grade i.e. successful students shall be declared to have merely passed the examination.</p>

<p>Maharashtra and desire to migrate to this University for <u>persuing</u></p> <p>Their further studies will have to clear the failed subjects of A.T.K.T. from the parent University. In case of such students the parent University should issue the migration Certificate and also allow them to appear for the Examination in the failed subject of A.T.K.T. while they <u>pursue</u> their studies in this University. This provision is applicable to the Students of those Universities, which reciprocate with this University.</p>	<p>However, those who desire to obtain Grade, shall have to appear for all the papers of B.A. Part-I, II and III of this University Or Equivalence Test conducted by this University. The provision of this Regulation is applicable to the students of those State Universities in Maharashtra, which reciprocate with this University in giving similar concession to the students of this University. (Discuss for Equivalence Test – in deans meeting)</p> <p>Those students who have obtained A.T.K.T., at any examinations of other Statutory Universities and desire to migrate to Shivaji University for pursuing their further studies will have to clear the failed subjects of A.T.K.T. from the previous University.</p> <p>In case of such students the previous University should issue the migration Certificate and also allow them to appear for the Examination in the failed subject of A.T.K.T. while they pursue their studies in Shivaji University.</p>
<p>R.B.A. 18: A candidate who has passed in any papers / practical shall not be allowed to appear again in the same paper / practical.</p>	<p>CBCS R. B. A. 18:</p> <p>A candidate who has passed in any papers / practical shall not be allowed to appear again in the same paper / practical However a candidate desires to improve the Grade (Class) may appear the immediate next examination and before the award of degree.</p>
<p>R.B.A. 19:</p> <p>a) i) A candidate who has appeared for the B.A. Part-I <u>Semester</u> Examination of this University as an external student and has either passed or is eligible to register his name of B.A. Part-II Examination will be permitted to join a college for the B.A. Part-II Course on condition that he will have to</p>	<p>CBCS R. B. A. 19:</p> <p>A candidate who has passed or has secured ATKT for the B.A. Part-I CBCS Semester Examination of Shivaji University in distance mode, and is eligible to register his name for B.A. Part-II Examination, will be permitted to join a college in regular</p>

pass in the remaining papers of the B.A. Part-I [Semester](#) Examination.

ii) A candidate who has appeared for the B.A. Part-I [Semester](#) Examination of this University as a regular candidate and has either passed in it or becomes eligible to enter upon the B.A. Part-II course will be permitted to register his name as an external candidate for the B.A. Part-II [Semester](#) Examination.

b) **i)** A candidate who has appeared for the B.A. Part-II [Semester](#) Examination of this University as an External Student and has either passed or is eligible to register his name for the B.A. Part-III [Semester](#) Examination will be permitted to join a College for the B.A. Part-III Course on condition that he will have to pass in the remaining papers of the B.A. Part-I and II Examinations.

ii) A candidate who has appeared for B.A. Part-II [Semester](#) Examination of this University as a regular candidate and has either passed in it or becomes eligible to enter upon the B.A. Part-III course will be permitted to register his name as an external candidate for the B.A. Part-III [Semester](#) Examination.

Note: Candidates interchanging their status from distance mode to regular students and vice-versa while completing their course of studies prescribed for B.A. Parts-I, II and III [Semester](#) examinations will be treated as distance mode candidates for the degree.

mode of B.A. Part-II programme and *vice versa*.

Note: This provision is not applicable for students passing B. A. Part II and seeking admission for B. A. Part – III.

<p>R.B.A. 20: The course of study, the syllabi and the standard of passing the examination for the Degree of Bachelor shall be identical for both the distance mode and the regular students but and distance mode candidate shall not offer for his /her examination in any subjects which involve practical work in a laboratory or keeping of journals and the subjects for which there is no teaching provision in any of the affiliated colleges of the University. Candidate receiving an official intimation of registration as a distance mode candidate wishing to appear for the examination in the subjects concerned must forward to the Controller of Examinations his application for registration and admission to examination in the prescribed form together with the prescribed fees on or before the prescribed date.</p>	<p>CBCS R. B. A. 20:</p> <p>The course of study, the syllabi and the standard of passing of the examination for B. A. degree shall be identical for both distance and regular mode students. The distance mode candidate shall not offer any subjects which involve practical work in a laboratory or keeping of journals and the subjects for which there is no teaching provision in any of the affiliated colleges of the University.</p> <p style="text-align: center;">(Home Science)</p>
	<p>CBCS R. B. A. 21:</p>
	<p>CBCS R. B. A. 22 :</p>
<p>R.B.A. 23: The syllabi for the various subjects shall be as Prescribed by <u>the university authorities from time to time</u> and shall be subject to such revision, modifications etc. as may be made by the Academic Council from time to time on the recommendations of the Boards of Studies in different subjects. The text books and reference books for the various subjects shall be those as prescribed by the Academic Council from time to time on the recommendations of the respective Boards of Studies.</p> <p>Note: Whenever text-books / syllabi prescribed are replaced/ revised, alternative question papers on such text-books /syllabi will be set for two more examinations to be held in October/November and March/April following the last regular examination on these texts books/syllabi</p>	<p>CBCS R. B. A. 23:</p> <p>The syllabi for the various subjects shall be as prescribed by the Shivaji University authorities from time to time_ and shall be subject to such revision, modifications as may be made by the Academic Council from time to time on the recommendations of the Boards of Studies in different subjects. The text books and reference books for the various subjects shall be those as prescribed by the Academic Council from time to time on the recommendations of the respective Boards of Studies.</p> <p>Note: The pattern of question paper shall be as prescribed by respective university authorities.</p>

	The pattern of question paper <u>shall be as prescribed by respective university authorities.</u>	
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Shivaji University, Kolhapur
Guidelines and Rules for Semester System
Under Choice Based Credit System (CBCS)
To be implemented from Academic Year 2018-19
Under the Faculty of Commerce and Management

- 1. Implementation of Revised guidelines and rules** - The revised guidelines and rules shall be implemented gradually as mentioned below -

B.Com. Sem I & II from Academic year 2018- 19
B.Com. Sem III & IV from Academic year 2019- 20
B.Com. Sem V & VI from Academic year 2020- 21

- 2. Pattern of Semester system** - The pattern for the purpose of Semester end examinations shall be as mentioned below:

- i. B. Com. Sem I & II :-** 50 marks University Semester end examination for each theory paper in each Semester.
- ii. B. Com. Sem III & IV:-** 50 marks University Semester end examination for each theory paper in each Semester except Environmental Studies. Only for Environmental Studies in Semester IV, 70 marks shall be for University examination for theory paper and 30 marks for project work.
- iii. B. Com. Sem V & VI :-** 40:10 pattern shall be applicable for each theory paper in each semester wherein 40 marks shall be for University Semester end examination and 10 marks for internal assessment.
- iv. Weightage :** There shall be 1900 marks for 3 years B. Com. CBCS Program with 148 Credits. 4 Credits for each course with 24 credits for each Semester except for Sem III & IV 28 Credits.

v. Credit distribution chart for B. Com. Program with Course Code :

Course Name	Total Courses(Papers)	Total Credits	% in total course
CC : Core Course	22	88	59%
AECC : Ability Enhancement Compulsory Courses	07	36	19%
GEC : Generic Elective Courses	04	16	11%
DSE : Discipline Specific Elective	4 (out of 44)	16	11%
TOTAL	37	148	100%

3. Scheme of Examination –

The following shall be the scheme of Examination

The Question paper in each Semester for each theory **course (paper)** for B. Com. Semester I, II, III & IV shall be of 50 marks. The question paper for Environmental Studies for Semester IV shall be of 70 marks for theory and 30 marks for project work. For B. Com. Semester V & VI question paper shall be of 40 marks for each theory **course (paper)**.

The following shall be the scheme of Internal Assessment

There **shall** be continuous Internal Assessment for B.Com. **Sem V & VI**. Internal Examination/ assessment **shall** be compulsory for all students. If a student fails/**remains** absent in Internal Examination then candidate **shall** have to clear the Internal Examination in subsequent attempt/s in following semester.

For B. Com. Sem V & VI – There will be seminar of 10 marks in Semester V and there will be oral examination for Semester VI for each theory **course (paper)**.

4. Duration of Semester Examination for each theory paper - The duration of Semester Examination for each theory **course (paper)** of 40/50 marks shall be of two hours except Environmental Studies (Semester IV, Examination) which shall be of 3 hrs. for 70 marks.

5. Equivalence of papers and chances for the students in previous-Semester pattern - Two additional chances shall be provided for the repeater students of old B. Com. Part I – Sem I & II. After this the students concerned **shall** have to appear for the Examination as per this revised CBCS Pattern. Equivalence of papers shall be provided as per revised syllabus for CBCS pattern.

6. Standard of Passing- The Standard of passing shall be 35%. For B. Com. Semester I, II, III & IV the student **shall** have to score 18 marks out of 50 in each theory paper. Only for Environmental Studies (Semester IV, Examination) the Student **shall** have to score marks 25 marks out of 70 in theory paper and 11 marks out of 30 for project work. For B. Com. Semester V and VI, the student will have to score 14 marks out of 40 in each theory paper and 4 marks out of 10 in each paper (internal). There **shall** be a separate head of passing in Theory and Internal Examination. However, ATKIT rules shall be made applicable in respect of Theory Paper (University examination) only.

7. Gradation Chart :

Marks Obtained	Numerical Grade (Grade Point)		CGPA	Letter Grade
Absent	0 (zero)		-	-
0 – 34	0 (zero)		0.0 – 4.99	F (Fail)
35 – 44	5		5.00 – 5.49	C
45 – 54	6		5.50 – 6.49	B
55 – 64	7		6.50 – 7.49	B+
65 – 74	8		7.50 – 8.49	A
75 – 84	9		8.50 – 9.49	A+
85 – 100	10		9.50 – 10.0	O (Outstanding)

Note:

1. Marks obtained ≥ 0.5 shall be rounded off to next higher digit.
2. The SGPA & CGPA shall be rounded off to 2 decimal points.
3. Marks obtained in 50 marks or 200 marks paper shall be converted to 100 marks.

Calculation of SGPA & CGPA

1. Semester Grade Point Average (**SGPA**)

SGPA=Course credits×Grade points obtained of a semesterCourse credits of respective semester

2. Cumulative Grade Point Average (**CGPA**)

CGPA=Total credits of a semester×SGPA of respective semester of all semestersTotal course credits of all semesters

8. **Result** - The result of each semester shall be declared as Pass or Fail with grade/ grade points.
9. **Revised Rules** - These revised rules shall be gradually implemented with effect from the academic year 2018 -19 for B.Com. Degree program. However the existing (i.e. pre-revised) rules shall remain in force for the students of old semester pattern during the transition period.

Draft**R.B.Com. 2: i) Structure of B. Com. Programme Sem I & II**

STRUCTURE - I													
SEMESTER- I - DURATION: 06 MONTHS													
Sr. No.		TEACHING SCHEME						EXAMINATION SCHEME					
		THEORY (TH)			PRACTICAL (PR)			THEORY			PRACTICAL		
	Course Type	No. of lectures	Hours	Credits	No. of lectures	Hours	Credits	PAPER HOURS	MAX	MIN	PRACT. HOURS	MAX	MIN
1	AECC	4	3.2	4	NO PRACTICAL FOR FIRST SEMESTER			2	50	18	NO PRACTICAL EXAMINATION FOR FIRST SEMESTER		
2	CC	4	3.2	4				2	50	18			
3	CC	4	3.2	4				2	50	18			
4	CC	4	3.2	4				2	50	18			
5	GEC – A	4	3.2	4				2	50	18			
6	GEC – B	4	3.2	4				2	50	18			
	-	24	19.2	24	-	-	-	TOTAL MARKS	300	-----	-		
SEMESTER- II - DURATION: 06 MONTHS													
Sr. No.		TEACHING SCHEME						EXAMINATION SCHEME					
		THEORY (TH)			PRACTICAL (PR)			THEORY			PRACTICAL		
	Course Type	No. of lectures	Hours	Credits	No. of lectures	Hours	Credits	PAPER HOURS	MAX	MIN	PRACT. HOURS	MAX	MIN
1	AECC	4	3.2	4	NO PRACTICAL FOR SECOND SEMESTER			2	50	18	NO PRACTICAL EXAMINATION FOR SECOND SEMESTER		
2	CC	4	3.2	4				2	50	18			
3	CC	4	3.2	4				2	50	18			
4	CC	4	3.2	4				2	50	18			
5	GEC	4	3.2	4				2	50	18			
6	GEC	4	3.2	4				2	50	18			
-	-	24	19.2	24				TOTAL MARKS	300	-----			
-	Grand Total Sem I + II	48	38.4	48					600	----			

Note :

1. CC : Core Course : All courses (subjects) are compulsory.
2. AECC : Ability Enhancement Compulsory Course : All courses (subjects) are compulsory.
3. GEC : Generic Elective Course : Candidate has to select any one course (Subject) from Group A & B.

ii) Structure of B. Com. Programme Sem III & IV

STRUCTURE - II													
SEMESTER- III - DURATION: 06 MONTHS													
Sr. No.		TEACHING SCHEME						EXAMINATION SCHEME					
	Course Type	No. of lectures	Hours	Credits	No. of lectures	Hours	Credits	PAPER HOURS	MAX	MIN	PRACT. HOURS	MAX	MIN
1	CC	4	3.2	4	NO PRACTICAL FOR THIRD SEMESTER			2	50	18	NO PRACTICAL EXAMINATION FOR THIRD SEMESTER		
2	CC	4	3.2	4				2	50	18			
3	CC	4	3.2	4				2	50	18			
4	CC	4	3.2	4				2	50	18			
5	AECC	4	3.2	4				2	50	18			
6	AECC	4	3.2	4				2	50	18			
7	AECC	2	1.6	--	--	--	--	--	--	--	--		
		26	20.8	24	-	-	-	TOTAL MARKS	300	-----			
SEMESTER- IV - DURATION: 06 MONTHS													
Sr. No.		TEACHING SCHEME						EXAMINATION SCHEME					
	Course Type	No. of lectures	Hours	Credits	No. of lectures	Hours	Credits	PAPER HOURS	MAX	MIN	PRACT. HOURS	MAX	MIN
1	CC	4	3.2	4	NO PRACTICAL FOR FOURTH SEMESTER			2	50	18	NO PRACTICAL EXAMINATION FOR FOURTH SEMESTER		
2	CC	4	3.2	4				2	50	18			
3	CC	4	3.2	4				2	50	18			
4	CC	4	3.2	4				2	50	18			
5	AECC	4	3.2	4				2	50	18			
6	AECC	4	3.2	4				2	50	18			
7	AECC	2	1.6	4				3	70 + 30 (Project)	30 Marks Project Total 100 Marks .			
-		26	20.8	28				TOTAL MARKS	400	-----	-		
-	Grand Total Sem III + IV	52	41.6	52					700	----	-		

Note :

1. CC : Core Course : All courses (subjects) are compulsory.
2. AECC : Ability Enhancement Compulsory Course : All courses (subjects) are compulsory.

iii) Structure of B. Com. Programme Sem V & VI

STRUCTURE - III													
SEMESTER- V - DURATION: 06 MONTHS													
Sr. No.		TEACHING SCHEME						EXAMINATION SCHEME					
	Cou rse Type	THEORY (TH)			PRACTICAL (PR)			THEORY			Internal Exam.		
		No. of lectures	Hours	Credits	No. of lectures	Hours	Credits	PAPER HOURS	MAX	MIN	Internal	MAX	MIN
1	CC	4	3.2	4	NO PRACTICAL FOR FIFTH SEMESTER			2	40	14	Seminar	10	04
2	CC	4	3.2	4				2	40	14		10	04
3	CC	4	3.2	4				2	40	14		10	04
4	CC	4	3.2	4				2	40	14		10	04
5	DSE I	4	3.2	4				2	40	14		10	04
6	DSE II	4	3.2	4				2	40	14		10	04
		24	19.2	24				TOTAL MARKS	240	----	60 Theory + Internal 240 + 60 = 300		
SEMESTER- VI - DURATION: 06 MONTHS													
Sr. No.		TEACHING SCHEME						EXAMINATION SCHEME					
	Course Type	THEORY (TH)			PRACTICAL (PR)			THEORY			Internal Exam		
		No. of lectu res	Hours	Credit s	No. of lectures	Hours	Credits	PAPER HOURS	MAX	MIN	Internal	MAX	MIN
1	CC	4	3.2	4	NO PRACTICAL FOR SIXTH SEMESTER			2	40	14	Internal Exam	10	04
2	CC	4	3.2	4				2	40	14		10	04
3	CC	4	3.2	4				2	40	14		10	04
4	CC	4	3.2	4				2	40	14		10	04
5	DSE III	4	3.2	4				2	40	14		10	04
6	DSE IV	4	3.2	4				2	40	14		10	04
		24	19.2	24				TOTAL MARKS	240	----	60 Theory + Internal 240 + 60 = 300		
	Grand Total Sem V + VI	48	38.4	48					480	----	Theory + Internal 480 + 120 = 300		

Note :

1. CC : Core Course : All courses (subjects) are compulsory.
2. DSE : Discipline Specific Elective : Candidate has to select any one course (Subject) i. e. Paper I to IV

**R.B.Com. 2: iii) List of Courses (Subject) : B. Com. Sem I & II,
B. Com. Sem III & IV, B. Com. Sem V & VI**

Semester I		Semester II	
Course Code	Course (Subject)	Course Code	Course (Subject)
Core course			
CC-A1	Micro Economics Paper- I	CC-A2	Micro Economics Paper- II
CC-A3	Management Principles & Applications Paper- I	CC-A4	Management Principles & Applications Paper- II
CC-A5	Financial Accounting Paper-I	CC-A6	Financial Accounting Paper-I I
Group A			
GEC-A1	Business Communication Paper- I	GEC- A2	Business Communication Paper- II
GEC-A3	Principles of Marketing Paper- I	GEC-A4	Principles of Marketing Paper- II
GEC-A5	History of Civilization Paper- I	GEC- A6	History of Civilization Paper- II
GEC-A7	Marathi Paper- I	GEC- A8	Marathi Paper- II
GEC-A9	Global Finance Paper- I	GEC- A10	Global Finance Paper- II
GEC-A11	Hindi Paper- I	GEC- A12	Hindi Paper- II
GEC-A13	Urdu Paper- I	GEC- A14	Urdu Paper- II
GEC-A15	Kannada Paper- I	GEC-A16	Kannada Paper- II
Group B			
GEC- B1	Business Mathematics Paper- I	GEC-B2	Business Mathematics Paper- II
GEC- B3	Insurance Paper- I	GEC-B4	Insurance Paper- II
GEC- B5	Geography Paper I	GEC-B6	Geography Paper II
GEC- B7	Foreign Trade Paper – I	GEC-B8	Foreign Trade Paper – II

Note :

4. CC : Core Course : All courses (subjects) are compulsory.
5. AECC : Ability Enhancement Compulsory Course : All courses (subjects) are compulsory.
6. GEC : Generic Elective Course : Candidate has to select any one course (Subject) from Group A & B.

Semester III		Semester IV	
Course Code	Course (Subject)	Course Code	Course (Subject)
Core course			
CC-B1	Corporate Accounting Paper- I	CC-B2	Corporate Accounting Paper- II
CC-B3	Fundamentals of Entrepreneurship Paper- I	CC-B4	Fundamentals of Entrepreneurship Paper- II
CC-B5	Money and Financial System Paper- I	CC-B6	Money and Financial System Paper- II
CC-B7	Macro Economics Paper- I	CC-B8	Macro Economics Paper- II
Ability Enhancement Compulsory Course			
AECC-C1	Business Communication Paper- III	AECC-C2	Business Communication Paper- IV
AECC-C3	Business Statistics Paper- I	AECC-C4	Business Statistics Paper- II
AECC-C5	Environmental Studies	AECC-C6	Environmental Studies

Note :

3. CC : Core Course : All courses (subjects) are compulsory.
4. AECC : Ability Enhancement Compulsory Course : All courses (subjects) are compulsory.

Semester V		Semester VI	
Course Code	Course (Subject)	Course Code	Course (Subject)
Core course			
CC-C1	Modern Management Practices Paper- I	CC-C2	Modern Management Practices Paper- II
CC-C3	Business Regulatory Framework Paper- I	CC-C4	Business Regulatory Framework Paper- II
CC-C5	Co – Operative Development Paper- I	CC-C6	Co – Operative Development Paper- II
CC-C7	Business Environment Paper- I	CC-C8	Business Environment Paper- II
Discipline Specific Elective			
DSE-A1	Advanced Accountancy Paper- I	DSE-A3	Advanced Accountancy Paper- III
DSE-A2	Advanced Accountancy Paper- II	DSE-A4	Advanced Accountancy Paper- IV
DSE-B1	Industrial Management Paper- I	DSE-B3	Industrial Management Paper- III
DSE-B2	Industrial Management Paper- II	DSE-B4	Industrial Management Paper- IV
DSE-C1	Advanced Costing Paper - I	DSE-C3	Advanced Costing Paper - III
DSE-C2	Advanced Costing Paper - II	DSE-C4	Advanced Costing Paper - IV
DSE-D1	Taxation Management Paper- I	DSE-D3	Taxation Management Paper- III
DSE-D2	Taxation Management Paper- II	DSE-D4	Taxation Management Paper- IV
DSE-E1	Public Finance Paper- I	DSE-E3	Public Finance Paper- III
DSE-E2	Public Finance Paper- II	DSE-E4	Public Finance Paper- IV
DSE-F1	Insurance Paper- I	DSE-F3	Insurance Paper- III
DSE-F2	Insurance Paper- II	DSE-F4	Insurance Paper- IV
DSE-G1	Marketing Paper- I	DSE-G3	Marketing Paper- III
DSE-G2	Marketing Paper- II	DSE-G4	Marketing Paper- IV
DSE-H1	Advanced Banking Paper- I	DSE-H3	Advanced Banking Paper- III
DSE-H2	Advanced Banking Paper- II	DSE-H4	Advanced Banking Paper- IV
DSE-I1	Rural Economics and Co-Operation Paper- I	DSE-I3	Rural Economics and Co-Operation Paper- III
DSE-I2	Rural Economics and Co-Operation Paper- II	DSE-I4	Rural Economics and Co-Operation Paper- IV
DSE-J1	Advanced Statistics Paper- I	DSE-J3	Advanced Statistics Paper- III
DSE-J2	Advanced Statistics Paper- II	DSE-J4	Advanced Statistics Paper- IV
DSE-K1	E-Commerce Paper- I	DSE-K3	E-Commerce Paper- III
DSE-K2	E-Commerce Paper- II	DSE-K4	E-Commerce Paper- IV

Note :

3. CC : Core Course : All courses (subjects) are compulsory.

4. DSE : Discipline Specific Elective : Candidate has to select any one course (Subject) i. e. Paper I to IV

Draft**Rules of B.Com. as per Choice Based Credit System (CBCS) pattern implemented from the academic year 2018-19****Faculty of Commerce & Management**

	Previous Rules	Amendment 2018-19
R. B. Com. 1	<p>The Three-Year B.Com. Degree Course shall consist of Part –I, Part-II and Part-III for the purpose of Semester Examination. The Examination shall be held as shown below.</p> <p><u>Part-I</u> (Sem. -I & II) - at the end of <u>respective terms</u></p> <p><u>Part-II</u> (Sem. -III & IV) - at the end of <u>respective terms</u></p> <p><u>Part- III</u> (Sem. -V & VI) - at the end of <u>respective terms</u></p>	<p>CBCS R. B. Com. 1:</p> <p>The 3 year B. Com. CBCS Program shall consist of 6 semesters each of 6 months duration. Semester Examination shall be held at the end of each semester.</p>
R. B. Com. 2	<p>Work load :</p> <p>For Parts-I (Sem I & II), II (Sem. III,& IV) & Part III (Sem. V& VI) there shall be four periods per paper per week</p>	<p>CBCS R. B. Com. 2:</p> <p>a. Please refer to the :</p> <p>(i) Structure - I for B. Com. Sem I & II</p> <p>(ii) Structure - II for B. Com. Sem III & IV</p> <p>(iii) Structure - III for B. Com. Sem V & VI</p> <p>b. List of courses: Refer to the course (subject) list.</p>
R. B. Com. 3	<p>The following shall be the course of studies for B.Com. Part-I (Sem I & II) Examination.</p> <p>The B.Com. Part-I Semester Examination shall consist of six papers (in each semester), each of <u>two</u> hours duration and carrying total 50 marks i.e. 40 marks for University (theory)examination and 10 marks for internal examination. <u>Annexure</u></p>	<p>CBCS R. B. Com. 3:</p> <p>Skill Development Courses (SDC) : There shall be compulsory Skill Development Courses (SDC) under Self study mode as mentioned below:</p> <p><u>Sem I:</u> SDC – I : Democracy, Elections and Good Governance (2 Credits)</p> <p><u>Sem II:</u> SDC – II : Any one from (i) to (v) (2 Credits)</p> <p>i) Business Communication & Presentation ii) Event Management iii) Personality</p>

		<p>Development, iv) Yoga & Physical Management v) Resume, Report & Proposal writing.</p> <p>Sem V: SDC – III : Constitution of India and Local Self Government (2 Credits)</p> <p>Sem VI: SDC – IV: Any one from (vi) to (x) (2 Credits)</p> <p>vi) Interview & Personal Presentation Skills, vii) Entrepreneurship Development Skill, viii) Travel & Tourism, ix) E-Banking & Financial Services, x) RTI & Human Right Education, IPR & Patents</p> <ul style="list-style-type: none"> • <i>These courses are of Self Study mode. The study material of all above courses will be made available on University website.</i> • <i>The Examination of each of the course will be of 50 marks having 25 MCQ questions. Minimum 20 marks (40%) out of 50 are required for passing.</i> • <i>The duration of examination shall be 60 minutes.</i> • <i>The examination shall be conducted at the college level, in the concerned Semester.</i> • <i>The list of all candidates along with marks is to be submitted to the University.</i> • <i>The degree will be awarded only after successful completion of these courses.</i> • <i>The Credits achieved by the successful student shall be separately mentioned in Result-sheet.</i>
R. B. Com. 4		
R. B. Com. 5		
R. B. Com. 6	<p>The syllabi for various subjects shall be subject to such revision /modifications as may be made by the Academic Council from time to time on recommendations of the Board of Studies in different subjects. The text books and reference books for various subjects shall be those as prescribed by the Academic Council from time to time on recommendations of the respective Board of Studies.</p>	<p>CBCS R. B. Com. 6:</p> <p>The detailed syllabi for the various courses under CBCS pattern shall be as shown in the appendix and shall be subject to such revision, modification etc. as may be made by the Academic Council from time to time on the recommendation of the Boards of Studies in different courses. The Text-Books and Reference Books for the various courses shall be those as prescribed by the Academic Council from time to time on the recommendations of the respective Boards of Studies.</p>

R. B. Com. 7	The medium of instruction for the Three Year B.Com. Degree Course may be either English or Marathi. A candidate shall have an option of answering <u>his/her</u> question papers at B.Com. Examination either in English or in Marathi in all Subjects except the subject of English and Accountancy.	CBCS R. B. Com. 7: The medium of instruction for the Three Year (Six Semester) B.Com. Degree Program may be either English or Marathi. A candidate shall have an option of answering question papers at B.Com. Examination, either in English or in Marathi in all courses except English, Accountancy and Business Statistics .
R. B. Com. 8	<p>i) a) A Student of the B.Com. Part-I Class may be permitted by the Principal of the college to change any of the subjects in the course selected by him in that class during the first term only of that year, provided that the Principal is satisfied that the student <u>requesting for</u> such a change will be able to complete his/her course in the new subject during the time remaining at his/her disposal in the <u>first term i.e. before filling the examination form</u>.</p> <p>ii) If a student fails in the optional subject at the B.Com. Part-III (<u>Sem.- V & VI</u>) examination and desires to change the optional subject he/she will have to keep two additional terms for the changed subject.</p> <p>iii) If a student fails in the optional subject at the B.Com. Part-III (<u>Sem-V & VI</u>) examination and desires to change the optional subject he will have to keep two additional terms for the changed subject.</p> <p>ii) b) <u>A student who has opted specific subjects during the first semester must continue the same subjects for the second and third year.</u> If a student of B.Com. Part-II class desires to change his subject wherever permissible of B.Com. Part-I (Sem.I & II) he/she will have to keep two terms for the changed subjects simultaneously with B.Com. Part-II Course and appear for the changed subject along with the B.Com. Part-II Examination.</p> <p>iii) A student of B.Com. Part-III (sem.V & VI) Class may be permitted by the Principal of the college to change his optional subject selected by him in that class during the First <u>semester</u> only of that year, provided that the Principal is</p>	CBCS R. B. Com. 8: <p>i. The Principal of the college may permit A student to change his optional subject/ subjects in the first term only before submission of dully filled University Examination form.</p> <p>ii. If a candidate wishes to change the elective (DSE) course (subject) at the B.Com. Sem V examination, student will have to keep two additional terms for the changed course (subject).</p> <p>iii. If a candidate fails in the elective (DSE) course (subject) at the B.Com. Sem V & VI examination and wish to change elective (DSE) course (subject), student will have to keep two additional terms for the changed course (subject).</p>

	satisfied that the student requesting for such a change will be able to complete his/her course in the new subject during the time remaining at his/her disposal in the respective term.	
R. B. Com. 9	<p>An application, which must be in the prescribed form, and accompanied by the prescribed fees for admission to any Part/<u>Semester</u> of the B.Com. Degree Examination shall be forwarded by a candidate to the <u>Controller of Examinations</u> through the Principal of the College attended by him/her, on or before the prescribed date along with the certificate from the Principal of his/her having satisfied other conditions laid down by the University and of his being a fit candidate for the Examination. The certificate of attendance during the <u>each semester</u> i.e. <u>respective</u> term of the B.Com. Course shall be forwarded by the Principal of Colleges, on or immediately after the closing date of the <u>respective</u> term of the academic year.</p> <p>Note: - In regard to the condition relating to the keeping of the terms mentioned above, the provision made in the Ordinance 78 given below should be specially noted.</p>	<p>CBCS R. B. Com. 9:</p> <p>This rule is deleted because this rule is already exists in ordinance 31 & 37.</p>
R. B. Com. 10	<p>The scheme for the Physical Education has been made operative for the B.Com. Part-I.</p> <p>The benefit of marks obtained by the students in physical Education Test <u>(of 10 Marks)</u> conducted by the University and N.C.C. authorities shall be as under</p> <p>If a student fails in <u>upto four</u> heads of passing and having passed in all the remaining heads of passing, the marks obtained by him in the Physical Education Test shall be added to <u>maximum upto four</u> heads of passing in which he/she had failed as the case may be. A student getting the benefit of Physical Education marks should not be given advantage of any other Ordinance. The Physical Education marks shall not be considered for the</p>	<p>CBCS R. B. Com. 10:</p> <p>The scheme of marking for the Physical Education has been made operative for the B.Com. Sem I & II.</p> <p>The benefit of marks obtained by the students in Physical Education Test or NCC (out of 10 Marks) conducted by the University shall be as under:</p> <ol style="list-style-type: none"> 1. If a student fails in up to four heads of passing and having passed in all the remaining heads of passing, the marks obtained by him in the Physical Education Test shall be added to maximum up to four heads of passing in which candidate had failed as the case may be. A student getting the benefit of Physical Education marks should not be given advantage of any other Ordinance. The Physical Education marks shall not be considered for the

	<p>award of class and for deciding merit.</p> <p>2. If a result of addition of Physical Education marks a student does not Pass the examination, the marks obtained by him/her in Physical Education shall not be considered.</p> <p>3. The marks of Physical Education obtained by the unsuccessful students at the B.Com. Part-I <u>semester</u> Examination shall be carried forward for their subsequent attempt/s.</p> <p>4. The marks obtained in Physical Education shall not be considered for earning exemption in a subject or for passing in the head of passing but the marks will be carried forward for availing the benefit at the subsequent attempt/s.</p> <p>5. The marks secured by the student under the Physical Education scheme shall be added to the total of his marks in the examination irrespective of the fact of his passing or failure in the examination. The Physical Education marks shall be shown as “Total + P.E. Marks.”</p> <p><u>6. The Physical Education Test shall be conducted in the first semester itself.</u></p>	<p>award of class and for deciding merit.</p> <p>2. If as a result of addition of Physical Education marks a student does not Pass the examination, the marks obtained by candidate in Physical Education shall not be considered.</p> <p>3. The marks of Physical Education obtained by the unsuccessful students at the B.Com. Part-II semester Examination shall be carried forward for their subsequent attempt/s.</p> <p>4. The marks obtained in Physical Education shall not be considered for earning exemption in a subject or for passing in the head of passing but the marks will be carried forward for availing the benefit at the subsequent attempt/s.</p> <p>5. The marks secured by the student under the Physical Education scheme shall be added to the total of his marks in the examination irrespective of the fact of his passing or failure in the examination. The Physical Education marks shall be shown as “Total + P.E. Marks.”</p> <p>The Physical Education Test shall be conducted in the second semester itself.</p>
R. B. Com. 11	The B. Com. Part – I to III Examination of the B. Com. Course shall be held twice a year in April/Many and October/ November.	CBCS R. B. Com. 11:
R. B. Com. 12	A candidate who has passed the Three year B. Com. Or B. Com. (External) Examination of this University will on payment of a fresh fee be admitted to a subsequent examination without keeping any additional terms/registering his name as an external candidate in any of the subjects specified under the B. Com. Part III examination in which he has not already passed and will on passing in such additional subject / paper be awarded only a certificate to that effect. (This applies to the subject taught in an affiliated college.)	<p>CBCS R. B. Com. 12:</p> <p>a) A candidate desires to seek B. Com. Degree in another course (subject), shall be permitted to do so. Such candidate may appear at B. Com. Sem V & VI Examination on the submission for fresh admission. Such a candidate need not appear for core courses (CC).</p> <p>b) The Candidate as above (in clause ‘a’) shall not be eligible for a second degree and a class, a prize, scholarship, medal or any other award. The candidate will get the benefit of new degree in new course (subject)</p>

		only if candidate surrenders his first degree. <i>This rule shall be applicable retrospectively.</i>
R. B. Com. 13	<p>i) The result of the B.Com. Part-I <u>semester</u> examination shall be declared publicly in two categories (i) candidates who have passed the B.Com Part-I <u>semester</u> Examination and (ii) candidates who are allowed to proceed to the B.Com. Part-II (i.e.<u>Semester – III and Sem.-IV</u>)</p> <p>ii) The result of the B.Com. Part-II Examination shall be declared publicly in two categories. (i) candidate who have passed the B.Com. Part-II <u>semester</u> Examination in addition to the remaining papers, if any of Lower Examination, (ii) candidates who are allowed to proceed to the next higher course.</p> <p><u>iii,)If a student fails in all the subjects /heads of passing of semester I, semester,III, or semester,V shall be allowed to proceed to the next semester.</u></p> <p>No classes shall be awarded at B.Com. Part-I & II <u>Semester</u> Examinations and no passing certificate shall be issued to the candidate for these examinations</p>	<p>CBCS R. B. Com. 13:</p> <p>a) The result of the B.Com. Sem I & II examination shall be declared publicly in two categories (i) candidates who have passed the B. Com. Sem I & II examination and (ii) candidates who are allowed to proceed to the B.Com. Sem III & IV</p> <p>b) The result of the B.Com. Sem III & IV examination shall be declared publicly in two categories. (i) candidate who have passed the B.Com. Sem III & IV examination in addition to the remaining papers, if any of previous examination, (ii) candidates who are allowed to proceed to the next Semester.</p> <p>c) (i) If a candidate fails in all the courses (subject heads) of passing of Sem I shall be allowed to proceed to Sem II. (ii) If a candidate fails in all the courses (subject heads) of passing of Sem III shall be allowed to proceed to Sem IV. (iii) If a candidate fails in all the courses (subject heads) of passing of Sem V shall be allowed to proceed to Sem VI. (iv) No candidate shall be allowed to proceed to Sem V unless candidate has cleared Sem I & II in all courses (Subjects). (v) ATKT rules are applicable for 2nd and 4th Sem.</p>
R. B. Com. 14	The result of the Three-Year B.Com. Degree Examination shall be declared in three classes <u>based on</u> the performances of all the papers (at respective semesters) of B.Com. Part-I, II and III. The award of scholarships and prizes for the B.Com. Degree Examination shall be determined on the basis of the aggregate performance of the candidate at B.Com. Part-I, II and III Semester examination of the B.Com. Course	<p>CBCS R. B. Com. 14:</p> <p>The result of B.Com. Program (Sem I to VI) shall be declared in Grades by considering SGPA & CGPA (with percentage) based on the performances of all the courses at respective semesters. The award of scholarships and prizes for the B.Com. Program shall be determined on the basis of the aggregate performance of the candidate at Sem I to VI examination.</p>
R. B. Com. 15	STANDARD OF PASSING	CBCS R. B. Com. 15: Grade points should be added.

<p>To pass the B.Com. Degree Examination, a candidate shall be required to pass in Part-I, II & III <u>Semester Examinations</u>.</p> <p>(A) i) To pass the <u>each semester</u> of B.Com. Part-I (Sem.I & II) Examination a candidate shall be required to obtain a minimum of 35% of the total marks in each head of passing.</p> <p>ii) To Pass <u>each Semester of the B.Com.Part –II (Sem.III & IV) examination</u> a candidate shall be required to obtain a minimum of 35% of the total marks in each head in passing.</p> <p>iii) To pass <u>each Semester of the Third year B.Com. Degree (Sem.V &VI) examination</u> a candidate shall be required to obtain a minimum of 35% of the total marks in each head in passing</p> <p>(Note:- <u>A Candidate shall have to obtain 14 marks out of 40 marks for university examination i.e. theory or practical and 4 marks out of 10 in the internal examination . If the candidate obtains less than 4 marks in internal examination then he/she has to pass the internal examination in subsequent attempt/s in following semester)</u></p> <p>(B) Those of the successful candidates who obtain 45% or more of the aggregate marks in Parts-I II& III semester Examinations, <u>(i.e. sem.I to VI)</u> shall be declared to have passed the B.Com. Degree Examinations in Second Class with (Hons) and those obtaining 60% or more of the aggregate marks in Parts-I, II & III Examinations <u>(i.e.sem. I to VI)</u> shall be declared to have passed the B.Com. Degree Examinations in first class with (Hons) and those obtaining 70% or more of the aggregate marks in Parts-I, II & III <u>(i.e.sem. I to VI)</u> shall be declared to have passed the B.Com. Degree Examination in First Class (Hons) with Distinction.</p> <p>C) A.T.K.T.: A Candidate passing in all <u>heads</u> or a Candidate passing in all heads of passing except <u>four heads of university (theory/practical)</u></p>	<p>Standard of Passing:</p> <p>To pass the B.Com. Degree Examination, a candidate shall be required to pass in Semester I, II, III, IV, V & VI Examinations.</p> <p>A. i) To pass the <u>each semester</u> of B.Com. Sem I & II Examination a candidate shall be required to obtain a minimum of 35% of the total marks in each head of passing i. e. 18 marks out of 50.</p> <p>ii) To Pass each Semester of the B. Com. Sem III & IV Examination a candidate shall be required to obtain a minimum of 35% of the total marks in each head in passing i. e. 18 marks out of 50.</p> <p>For Environmental Studies a candidate shall be required to obtain minimum 25 marks out of 70 for theory paper examination & minimum 11 marks out of 30 for Project work. There shall be separate head of passing for Theory and Project work examinations.</p> <p>iii) To pass each Semester of B.Com. Sem V &VI Examination a candidate shall be required to obtain a minimum of 35% of the total marks in each head in passing.</p> <p>A Candidate shall have to obtain 14 marks out of 40 for university examination i.e. theory and 4 marks out of 10 in the internal examination, in Sem V & VI. If the candidate fails/absent in internal examination then candidate has to pass the internal examination in subsequent attempt/s in course tenure.</p> <p>(B) Those of the successful candidates who obtain 45% or more of the aggregate marks in Parts-I, II& III semester Examinations, (i.e. sem.I to VI) shall be declared to have passed the B.Com. Degree Examinations in Second Class with (Hons) and those obtaining 60% or more of the aggregate marks in Parts-I, II & III Examinations (i.e.sem. I to VI) shall be declared to have passed the B.Com. Degree Examinations in first class with (Hons) and those obtaining 70% or more of the aggregate marks in Parts-I, II & III (i.e.sem. I to VI) shall be declared to have passed the B.Com. Degree Examination in First Class (Hons) with Distinction.</p>
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	<p>examination at part-I (Sem.I & II taken together) or II (Sem .III& IV taken together) examination will be allowed to proceed to the next class.</p> <p>However for admission to B.Com. Part-III examination or for keeping term for B.Com. Part-III examination, a candidate has to pass in all heads of passing of B.Com. Part-I (Sem. I & II) examination.</p> <p><u>Internal Examination will be compulsory for all students. If the student fails/absent in internal examination than he /she will have to clear the internal examination in subsequent attempt in following semester. There will be a separate head of passing in internal, theory and practical head of passing. However, ATKT rules shall be made applicable in respect of theory and practical head of passing only.</u></p>	<p>C) A.T.K.T.: A Candidate passing in all heads or a Candidate passing in all heads of passing except four heads of university (theory/practical) examination at part-I (Sem I & II taken together) or Part II (Sem III& IV taken together) examination will be allowed to proceed to the next class.</p> <p>However for admission to B.Com. Part-III examination or for keeping term for B.Com. Part-III examination, a candidate has to pass in all heads of passing of B.Com. Part-I (Sem. I & II) examination.</p> <p>Internal Examination will be compulsory for all students. If the student fails/absent in Internal Examination then candidate will have to pass the Internal Examination in subsequent attempt in following semester. There will be a separate head of passing in Internal, University theory/practical Examination. However, ATKT rules shall be made applicable in respect of theory only.</p>
R. B. Com. 16	<p>A candidate who has passed in any of the heads of passing shall not be allowed to appear again in that head.</p>	<p>CBCS R. B. Com. 16:</p> <p>Improvement:</p> <p>A candidate who has passed in optional courses (Subjects) shall be allowed to appear again in that head in immediate subsequent Semester after cancellation of candidate's earlier performance. This provision is made only for third year Sem V & VI in the same courses (subjects) before taking concerned degree.</p>
R. B. Com. 17	<p>A candidate who has satisfactorily kept one term in any of the Universities in the State of Maharashtra for the Intermediate Commerce Examination of B.Com. I Exam. shall be allowed to join for the Second <u>semester</u> of the B.Com. Part-I Course provided <u>he has to appear for the all papers of semester I & II.</u></p>	<p>CBCS R. B. Com. 17:</p> <p>A candidate who has satisfactorily kept one term in any of the Universities in the State of Maharashtra for B.Com. Sem I examination shall be allowed to join for the Sem II of the B.Com. Program, provided candidate has to appear for the all courses (papers) of Sem I & II.</p>
R. B. Com. 18	<p>Students passing Part-I or II <u>semester</u> examinations of B.Com. Degree Course from the Regional Universities can take admission to the next higher class. Such of the students appearing for the papers of the higher class only, will not be eligible for any class i.e. successful students shall be declared to have</p>	<p>CBCS R. B. Com. 18:</p> <p>Students passing Sem I & II or Sem III & IV examinations of B.Com. Degree Course from the Statutory University in the State of Maharashtra can take admission to the next semester. Such of the students appearing for the courses</p>

	<p>merely passed the examination. For the purpose of class, such candidate shall have to appear for all the papers of B.A Parts-I, II and III of this University <u>or Equivalence Test conducted by the University.</u> The provision of this regulation is applicable to the students of those Regional Universities which reciprocate with this University in giving similar concession to the students of this University.</p> <p>Those of the students who have obtained the concession of A.T.K.T. at any of the examination of the Universities in the State of Maharashtra and desire to migrate to this University for <u>pursuing</u> their further studies will have to clear the failed subjects of A.T.K.T. from the parent University. In case of such students the parent University should issue the Migration Certificate and also allow them to appear for the Examination in the failed subject of respective course while they <u>pursue</u> their studies in this University. This provision is applicable to the students of those Universities which reciprocate with this University.</p>	<p>(papers) of the next semester only, will not be eligible for any class i.e. successful students shall be declared to have merely passed the examination. For the purpose of class, such candidate shall have to appear for all the courses (papers) of B. Com. Sem I to VI of this University <u>or Equivalence Test conducted by the University.</u> (?) The provision of this regulation is applicable to the students of those Regional Universities which reciprocate with this University in giving similar concession to the students of this University.</p> <p>Those of the students who have obtained the concession of A.T.K.T. at any of the examination of the Statutory University in the State of Maharashtra and desire to migrate to this University for <u>pursuing</u> their further studies will have to clear the failed courses (subjects) of A.T.K.T. from the parent University. In case of such students the parent University should issue the Migration Certificate and also allow them to appear for the Examination in the failed subject of respective course while they <u>pursue</u> their studies in this University. This provision is applicable to the students of those Universities which reciprocate with this University.</p>
R. B. Com. 19	<p>A Bachelor of Arts or a Master of Arts of this University or of any other statutory University in the State of Maharashtra passing his/her examination without Economics as one of his subject shall be admitted to B.Com. Part-I (<u>Sem.-I</u>) Course. Such a candidate will, at his option be exempted from appearing in :</p> <p>i) English at B.Com. Part-I. (<u>Sem.-I & Sem.II</u>)</p> <p>ii) Marathi OR Kannada OR Urdu OR Hindi at B.Com. Part-I. (<u>Sem.-I& II</u>)</p> <p>iii) Business Regulatory Framework at B.Com. Part-III (<u>Sem.-V & VI</u>) if he has passed the L.L.B. Examination of the University.</p> <p>A candidate claiming exemptions as stated above shall not be eligible</p>	<p>CBCS R. B. Com. 19:</p> <p>Exemption of courses (subjects)</p> <p>a) A Bachelor of Arts or a Master of Arts of this University or of any other statutory University in the State of Maharashtra passing candidate examination without Economics as one of his subject shall be admitted to B.Com. Sem I. Such a candidate will, at his option be exempted from appearing in :</p> <p>i) English at B.Com. Sem I & Sem II</p> <p>ii) Marathi OR Kannada OR Urdu OR Hindi at B.Com. Sem I & II.</p> <p>b) A Bachelor of Law (L.L.B.) of any other statutory University in the State of Maharashtra passing candidate be exempted for the course Business Regulatory Framework at B.Com. Sem V & VI.</p> <p>A candidate claiming exemptions as stated above shall not be eligible for a</p>

	<p>for a Class. A candidate appearing for all the papers of B.Com. Parts-I, II & III (Sem-I to VI) shall be eligible for a class.</p> <p>However, a Bachelor of Arts or Master of Arts of any other Statutory University (Outside the State of Maharashtra) recognised by this University shall be admitted to the B.Com. Part-I (Sem.-I) course without availing of the concession mentioned above.</p>	<p>Class, however a candidate appearing for all the courses (papers) of B.Com. Sem I to VI shall be eligible for a class.</p> <p>However, Bachelor of Arts or Master of Arts of any other Statutory University (Outside the State of Maharashtra) recognised by this University shall be admitted to the B.Com. Sem I course without availing of the concession mentioned above.</p>
R. B. Com. 20	<p>A candidate who has passed :</p> <p>i) The B.A. (General) or the B.A. (Special) Examination of this University or of any other University in the State of Maharashtra with Economics as his optional subject.</p> <p style="text-align: center;">OR</p> <p>ii) The Master of Arts Examination of this University or any other Statutory University in the State of Maharashtra with at least four papers in Economics shall be allowed to take admission to B.Com. Part-II (Sem.-III) Course provided he appears and passes only in three subjects viz.: 1) Principles of Business Management 2) Financial Accounting 3) Mathematics / Insurance / Economic Geography of the B.Com. Part-I <u>semester</u> Examination (and not the rest) before proceeding to B.Com. Part-III Course. This concession shall be allowed in addition to the concession of A.T.K.T. of B.Com. Part-II. Such a candidate will, at his/her option be exempted from appearing in:</p> <p>a) i) English of the B.Com. Part-II and that</p> <p>ii) If he has passed B.A. (Spl.) Examination with Economics or M.A. Examination with at least four papers in Economics shall be exempted from appearing in Business Economics at B.Com. Part-II <u>semester</u> and world Economic Environment and co-operative Development at B.Com. Part-III course.</p>	<p>CBCS R. B. Com. 20:</p> <p>A candidate who has passed :</p> <p>i) The B.A. (General) or the B.A. (Special) Examination of this University or of any other University in the State of Maharashtra with Economics as his optional subject.</p> <p style="text-align: center;">OR</p> <p>ii) The Master of Arts Examination of this University or any other Statutory University in the State of Maharashtra with at least four papers in Economics shall be allowed to take admission to B.Com. <u>Sem.-III</u> Course provided the candidate appears and passes only in three subjects viz.: 1) Principles of Business Management 2) Financial Accounting 3) Mathematics / Insurance / Economic Geography of the B.Com. Sem I & II Examination (and not the rest) before proceeding to B.Com. Sem V. This concession shall be allowed in addition to the concession of A.T.K.T. of B.Com. Part-II. Such a candidate will, at his/her option be exempted from appearing in:</p> <p>a) i) English of the B.Com. Part-II and that</p> <p>ii) If he has passed B.A. (Spl.) Examination with Economics or M.A. Examination with at least four papers in Economics shall be exempted from appearing in Business Economics at B.Com. Part-II <u>semester</u> and world Economic Environment and co-operative Development at B.Com. Part-III course.</p>

	<p>b) And further he shall be exempted from appearing in Business Law if he has passed the L.L.B. examination and from appearing in Adv. Statistics, if he has passed the B.A. Examination with statistics as one of his optional Subjects.</p> <p>A candidate claiming exemptions, as stated above shall not be eligible for a Class.</p> <p>A candidate appearing for all the papers of B.Com. Parts-I, II and III Examination shall be eligible for a class.</p> <p>(Note: The concessions given above are on reciprocal basis).</p>	<p>b) And further he shall be exempted from appearing in Business Law if he has passed the L.L.B. examination and from appearing in Adv. Statistics, if he has passed the B.A. Examination with statistics as one of candidate optional Subjects.</p> <p>A candidate claiming exemptions, as stated above shall not be eligible for a Class.</p> <p>A candidate appearing for all the papers of B.Com. Parts-I, II and III Examination shall be eligible for a class.</p> <p>(Note: The concessions given above are on reciprocal basis).</p>
R. B. Com. 21	<p>a) i) A candidate who has appeared for the B.Com. Part-I Examination of this University as an external/<u>distance mode</u> student and has either passed or is eligible to register his/<u>her</u> name for the B.com. Part-II examination will be permitted to join a College for the B.Com. Part-II Course on condition that he will have to pass in the remaining papers of the B.Com. Part-I Examination.</p> <p>ii) A candidate who has appeared for the B.Com. Part-II Examination of this University as an external/<u>distance mode</u> student and has either passed or is eligible to register his name for the B.Com. Part-III Examination will be permitted to join a College for B.Com. Part-III Course on condition that he will have to pass in the remaining papers of the B.Com. Part-I & II Examination.</p> <p>b) i) A candidate who has appeared for the B.Com. Part-II Examination of this University as an external/<u>distance mode</u> student and has either passed or is eligible to register his name for the B.Com. Part-III Examination will be permitted to join a College for B.Com. Part-III Course on condition that he/she will have to pass in the remaining papers of the B.Com. Part-I & II Examination.</p>	<p>CBCS R. B. Com. 21:</p> <p>a) A candidate who has appeared for the B.Com. Sem I & II or Sem III & IV Examination of this or any other University as an external/<u>distance mode</u> will not be allowed for B. Com. Sem III & IV or Sem V & VI respectively to join the college as a regular candidate.</p> <p>b) A candidate who has appeared for the B.Com. Sem I & II or Sem III & IV Examination of this or any other University as a regular candidate will be allowed for B. Com. Sem III & IV or Sem V & VI respectively to join distance mode. Such candidate shall be treated as an external/distance mode candidate.</p> <p>c) Deleted and already taken in R. B. Com. 15 : Standard of Passing.</p> <p>d) A Candidate who has passed in any of the heads of passing shall not be allowed to appear again in that head only for Sem I to IV and compulsory courses of Sem V & VI.</p> <p>e) 'Practical' will be a separate head of passing.</p> <p>f) For the students from distance mode, the same syllabi, examination system (such as semester system, scheme of marking, schedule of examination and Question Paper) shall be made applicable as per regular B.Com. CBCS</p>

	<p>ii) A candidate, who has appeared for the B.Com. Part-II Examination of this University as a regular candidate and has either passed in it or becomes eligible to enter upon the B.Com. Part-III Course will be permitted to register his/her name as an external/<u>distance mode</u> candidate for the B.Com. Part-III Examination.</p> <p>Note : Candidates interchanging their status from external/<u>distance mode</u> to regular students and vice-versa while completing their course of studies prescribed for B.Com Parts-I, II, III examination will be treated as external/<u>distance mode</u> candidates for the degree.</p> <p>(C) A.T.K.T.: <u>For taking admission to B.Com. Part- II (Sem. III and IV) candidate should pass at lest in 8 heads of passing (theory or practical) of B.Com. Part-I (Sem. I & II taken together).</u> <u>For taking admission B.Com. III (Sem. V & VI) a candidate should pass in all subjects of B.Com. Part-I (Sem. I & Sem. II and in 8 heads of passing (theory or practical) of B.Com. Part- II (Sem. III & Sem. IV).</u></p> <p>(D) A Candidate who has passed in any of the heads of passing shall not be allowed to appear again in that head.</p> <p>(E) 'Practical' will be a separate head of passing.</p> <p>(F) <u>For the students from distance mode same syllabi, examination system such as semester system, scheme of marking, schedule of examination and Question .Paper as per regular B.Com. Course shall be made applicable. Those students registered as external / distance mode candidate shall have to submit two home assignments for each paper (in each semester) carrying 10 marks as a part of internal evaluation system, to the respective Study Centre notified and approved by the university.</u></p>	<p>Program. Those students registered as external / distance mode candidate shall have to submit one home assignment for each course (paper) (in each semester) carrying 10 marks as a part of internal evaluation system, to the respective Study Centre notified and approved by the university.</p>
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R. B. Com. 22	<p>A candidate who has passed the Inter Commerce Examination of the University from a College now affiliated to this University or of any other Statutory University recognised as equivalent thereto shall be allowed to register his/her name for any of the subjects scheduled for the Second Year of the Three Year B.Com. Degree Course.</p> <p><u>The provisions of 0.123 shall be applicable</u> to such a candidate while registering his name for the subjects scheduled for the second year of B.Com. Course. Such a candidate shall be eligible for a class on the aggregate marks of B.Com. Parts-I, II and III of the B.Com. Degree Course, otherwise such of the candidates will be declared to have passed the examination in Pass Class only.</p>	<p>CBCS R. B. Com. 22:</p> <p>This rule is deleted.</p>
R. B. Com. 23	<p>The course of studies and syllabi and books prescribed / recommended under it and the standard for passing at the examination for the Degree of Commerce for candidates appearing for the same as external /<u>distance mode</u> candidates shall be identical with those for the regular students of the University appearing for the examination, but an external/<u>distance mode</u> student shall not offer at an examination any of the subjects for which there is no teaching Provision in any of the affiliated colleges of the University.</p>	<p>CBCS R. B. Com. 23:</p> <p>a) The course of studies and syllabi and books prescribed / recommended under it and the standard for passing at the examination for the Degree of Commerce for candidates appearing for the same as external /<u>distance mode</u> candidates shall be identical with those for the regular students of the University appearing for the examination.</p> <p>b) <u>An external/distance mode student shall not offer at an examination any of the courses (subjects) for which there is no teaching Provision in any of the affiliated colleges of the University.</u></p>
R. B. Com. 24	<p>A candidate receiving an official intimation for registration as an external/<u>distance mode</u> candidate and wishing to appear for the subjects concerned must forward his application in the prescribed form for admission to the prescribed examination fee, on or before the date announced for the purpose.</p>	<p>CBCS R. B. Com. 24:</p> <p>This rule is deleted.</p>

Draft

Shivaji University, Kolhapur
Regulations and Guidelines
Choice Based Credit System (CBCS)
Bachelor of Science (B. Sc.) Program
Under the Faculty of Science & Technology
 (To be implemented from Academic Year 2018-19)

- 1. Implementation of Regulations & Guidelines:** The Regulations & guidelines shall be implemented gradually as mentioned below –
 - a) B.Sc. Part – I from Academic year 2018- 19
 - b) B.Sc. Part – II from Academic year 2019- 20
 - c) B.Sc. Part – III from Academic year 2020- 21
- 2. Eligibility Criteria:** As per Ordinance – O. B. Sc. 1
- 3. Duration and Pattern of program:** The total duration of B. Sc. Program will be of 3 years. The pattern of CBCS will be of semester type. There shall be 6 semesters each of 6 months duration.
- 4. Weightage:** There shall be 2800 marks for 3 years B. Sc. CBCS Program with 140 Credits.
 - a) **B.Sc. Part – I (Sem I & II) :**

For B. Sc. Part I total Credits shall be 52 with 26 Credits for each Semester, of these; there shall be 18 Credits for theory and 8 credits for practical per semester.

 - I.** There shall be Ability Enhancement Compulsory Course (subjects) (hereafter termed as AECC) with Paper A for Sem I and Paper B for Sem II each of 50 marks, as compulsory English course.
 - II.** There shall be 4 Discipline Specific Core Courses (subjects) (hereafter termed as DSC) per semester.
 - III.** There shall be 2 theory papers each of 50 marks for a DSC.
 - IV.** There shall be 1 practical of 50 marks for each DSC.

b) B.Sc. Part –II (Sem III & IV) –

For B. Sc. Part II total Credits shall be 52 with 28 Credits for Sem III and 24 Credits for Sem IV. For Sem III there shall be 16 Credits for theory and 12 credits for practical and for Sem IV there shall be 12 credits for theory and 12 credits for practical.

- I.** There shall be One AECC with Paper C1 (Theory – 70 marks) and Paper C2 (Project – 30 marks) as compulsory Environmental Studies course. The examination shall be conducted at the end of Sem IV. The Credits of the Environmental Studies course shall be assigned at the end of Sem IV.
- II.** There shall be 3 DSC (subjects) per semester.
- III.** There shall be 2 theory papers each of 50 marks for a DSC.
- IV.** There shall be 1 practical of 100 marks for each DSC.

c) B.Sc. Part –III (Sem V & VI) –

For B. Sc. Part III total Credits shall be 36 with 18 Credits for each Semester of these; there shall be 10 Credits for theory and 8 credits for practical per semester.

- I.** There shall be AECC with Paper D for Sem V and Paper E for Sem VI each of 50 marks, as compulsory English course.
- II.** There shall be one Discipline Specific Elective (hereafter termed as DSE) as a special course (subject).
- III.** There shall be 4 theory papers each of 50 marks for a DSE.
- IV.** There shall be 4 practical of each of 50 marks.

- 5. Ordinances regarding the examination** – O. B.Sc. 2, 3 and 4 shall prevail; however, there is no Internal Examination for any Paper and course. The Results of the Examination will be declared on the basis of Credits gained and Grades achieved.
- 6. Practical examinations** – There shall be the annual system of examination in respect of practical examinations for B.Sc. program. The rules for practical

examinations shall be as per the letter / circular issued by respective Board of Studies time to time.

- 7. Equivalence of papers and chances for the students in previous** – semester pattern – Two additional chances shall be provided for the repeater students of the B.Sc. After this the concerned students will have to appear for the examination as per this revised scheme.

8. Standard of passing

a) For B.Sc. – I (Sem I & II)

Except English there shall be combined passing for two theory papers of 50 marks each for each course (subject) i.e. minimum 35 marks out of 100 are required for passing. There shall be separate passing for theory and practical courses. Minimum 18 marks out of 50 are required for passing of practical examination of each course. For English theory exam, minimum 18 marks out of 50 are required for passing.

b) For B. Sc. – II (Sem III & IV)

Except Environmental Studies, there shall be combined passing for two theory papers of 50 marks each for each course i.e. minimum 35 marks out of 100 are required for passing. There shall be separate passing for theory and practical courses. Minimum 35 marks out of 100 required for passing of practical examination of each course. For Environmental Studies theory paper minimum 25 out of 70 and for project minimum 10 marks out of 30 are required for passing. There shall be separate passing for theory and project examination for Environmental Studies.

c) For B. Sc. – III (Sem V & VI)

There shall be separate passing for four theory papers of 50 marks each. Minimum 18 marks out of 50 are required for passing. For practical examination minimum 70 marks out of 200 are required for passing. There shall be separate passing for theory and practical examinations. For English, minimum 18 marks out of 50 are required for passing.

d) For the candidate/ student in semester-V it is compulsory to appear for the paper entitled, “Constitution of India & Local Self Government”. The

study material of the syllabus for above stated paper will be available on www.unishivaji.ac.in

The subject stated above has to be learnt under self-study mode. **The examination will have maximum 50 marks and nature of examination will be of multiple choice types. The minimum 20 marks (40%) out of 50 are required for passing.**

The examination of above subject has to be conducted locally in the college. The certificate of the successful candidates/ students has to be issued by **the Principal** of the college. The mark list of passed candidates to be communicated to examination department of Shivaji University, Kolhapur within due time.

The student / candidate **who** failed to score minimum marks (20 marks) in the said paper will **disqualified** to claim the degree certificate.

e) Gradation Chart :

Marks Obtained	Numerical Grade (Grade Point)		CGPA	Letter Grade
Absent	0 (zero)		-	-
0 – 34	0 (zero)		0.0 – 4.99	F (Fail)
35 – 44	5		5.00 – 5.49	C
45 – 54	6		5.50 – 6.49	B
55 – 64	7		6.50 – 7.49	B+
65 – 74	8		7.50 – 8.49	A
75 – 84	9		8.50 – 9.49	A+
85 – 100	10		9.50 – 10.0	O (Outstanding)

Note:

1. Marks obtained ≥ 0.5 shall be rounded off to next higher digit.
2. The SGPA & CGPA shall be rounded off to 2 decimal points.
3. Marks obtained in 50 marks or 200 marks paper shall be converted to 100 marks.

Calculation of SGPA & CGPA

1. Semester Grade Point Average (**SGPA**)

$$\text{SGPA} = \frac{\sum(\text{Course credits} \times \text{Grade points obtained}) \text{ of a semester}}{\sum(\text{Course credits}) \text{ of respective semester}}$$

2. Cumulative Grade Point Average (**CGPA**)

$$\text{CGPA} = \frac{\sum(\text{Total credits of a semester} \times \text{SGPA of respective semester}) \text{ of all semesters}}{\sum(\text{Total course credits}) \text{ of all semesters}}$$

- 9. Result** - The result of each semester shall be declared as Pass or Fail. However, **ATKT rules will be followed for theory and practical passing.**
- 10.** For B.A II. Geography and I.D.S. examination rules of Social Science Faculty shall be followed. For B.A Home Science existing examination pattern shall be continued
- 11. Revised Rules** - These revised rules will be gradually implemented with effect from the academic year 2018 -19 for B.Sc. i.e. Part I, Part II, Part III. However, the **existing (i.e. pre-revised)** rules shall remain in force for the students of semester pattern during the transition period.

R. B. Sc. 3: structure and course list as per enclosed annexure.

R.B. Sc. 3 (i): The following shall be the courses of the studies under CBCS pattern

B. Sc. – I C B C S P A T T E R N

Structure – I

S E M E S T E R – I (Duration – 6 Months)														
Sr. No.	Course (Subject) Title	TEACHING SCHEME						EXAMINATION SCHEME						
		THEORY			PRACTICAL			THEORY				PRACTICAL		
		Credits	No. of lectures	Hours	Credits	No. of lectures	Hours	Hours	Max	Total Marks	Min	Hours	Max	Min
1	DSC-A	2	5	4	2	4	3.2	2	50	100	35	PRACTICAL EXAMINATION IS ANNUAL		
2	DSC-A	2			2	4	3.2	2	50					
3	DSC-A	2	5	4	2	4	3.2	2	50	100	35			
4	DSC-A	2			2	4	3.2	2	50					
5	DSC-A	2	5	4	2	4	3.2	2	50	100	35			
6	DSC-A	2			2	4	3.2	2	50					
7	DSC-A	2	5	4	2	4	3.2	2	50	100	35			
8	DSC-A	2			2	4	3.2	2	50					
9	AECC-1A	2	4	3.2	-----	-----	-----	2	50	50	18			
	TOTAL	18	24		8	16	12.8			450				
S E M E S T E R – II (Duration – 6 Months)														
1	DSC-B	2	5	4	2	4	3.2	2	50	100	35	As per BOS Guide-lines	50	18
2	DSC-B	2			2	4	3.2	2	50				50	18
3	DSC-B	2	5	4	2	4	3.2	2	50	100	35		50	18
4	DSC-B	2			2	4	3.2	2	50				50	18
5	DSC-B	2	5	4	2	4	3.2	2	50	100	35		50	18
6	DSC-B	2			2	4	3.2	2	50				50	18
7	DSC-B	2	5	4	2	4	3.2	2	50	100	35		50	18
8	DSC-B	2			2	4	3.2	2	50				50	18
9	AECC-B	2	4	3.2	-----	-----	-----	2	50	50	18		200	
		18	24	19.2	8	16	12.8			450				
	TOTAL	36	48	38.4	16	32	25.6			900				
• Student contact hours per week : 32 Hours (Min.)							• Total Marks for B.Sc.-I (Including English) : 1100							
• Theory and Practical Lectures : 48 Minutes Each							• Total Credits for B.Sc.-I (Semester I & II) : 52							
• AECC- Ability Enhancement Compulsory Course (1A & 1B)- English														
• Practical Examination will be conducted annually for 50 Marks per course (subject).														
• Except English, combined passing for two theory papers of 50 marks each. i.e. Min. 35 marks required for passing out of 100.														
• There shall be separate passing for theory and practical courses.														

R.B. Sc. 3 (ii): B. Sc. – II C B C S PATTERN

Structure - II

S E M E S T E R – III (Duration – 6 Months)															
Sr. No.	Course (Subject) Title	TEACHING SCHEME						EXAMINATION SCHEME							
		THEORY				PRACTICAL			THEORY				PRACTICAL		
		Credits	No. of lectures	Hours		Credits	No. of lectures	Hours	Hours	Max	Total Marks	Min	Hours	Max	Min
1	DSC-C	2	3	2.4		4	6.4	8	2	50	100	35	PRACTICAL EXAMINATION IS ANNUAL		
2	DSC-C	2	3	2.4					2	50					
3	DSC-C	2	3	2.4	4	6.4	8	2	50	100	35				
4	DSC-C	2	3	2.4				2	50						
5	DSC-C	2	3	2.4	4	6.4	8	2	50	100	35				
6	DSC-C	2	3	2.4				2	50						
7	AECC-C	4	4	3.2	---	---	---			---	---				
	TOTAL	16	22	17.6	12	19.2	24			300	---				
S E M E S T E R – IV (Duration – 6 Months)															
1	DSC-D	2	3	2.4		4	6.4	8	2	50	100	35	As per BOS Guide-lines	100	35
2	DSC-D	2	3	2.4					2	50					
3	DSC-D	2	3	2.4	4	6.4	8	2	50	100	35				
4	DSC-D	2	3	2.4				2	50						
5	DSC-D	2	3	2.4	4	6.4	8	2	50	100	35				
6	DSC-D	2	3	2.4				2	50						
7	AECC- C AECC- D	---	---	---	---	---	---	3	70 30	100	25 10	---	---	---	
	TOTAL	12 28	18 40	14.4 32	12 24	19.2 38.4	24 48			300 600	--- --	---	300		
• Student contact hours per week : 32 Hours (Min.)								• Total Marks for B.Sc.-II (Including EVS) : 1000							
• Theory and Practical Lectures : 48 Minutes Each								• Total Credits for B.Sc.-II (Semester III & IV) : 52							
• AECC- Ability Enhancement Compulsory Course (1C) : Environmental Studies: EVS (Theory – 70 & Project – 30 Marks)															
• Practical Examination will be conducted annually for100 Marks per course (subject).															
• Except Environmental Studies, combined passing for two theory papers of 50 marks each. i.e. Min. 35 marks required for passing out of 100.															
• There shall be separate passing for theory and practical courses also for Environmental Studies.															

R.B. Sc. 3 (iii) : B. Sc. – III C B C S PATTERN

Structure - III

S E M E S T E R – V (Duration – 6 Months)															
Sr. No.	Subject Title	TEACHING SCHEME						EXAMINATION SCHEME							
		THEORY				PRACTICAL			THEORY			PRACTICAL			
		Credits	No. of lectures	Hours		Credits	No. of lectures	Hours	Hours	Max Marks	Min Marks	Hours	Max Marks	Min Marks	
1	DSE-E	2	3	2.4		8	20	16	2	50	18	PRACTICAL EXAMINATION IS ANNUAL			
2	DSE-E	2	3	2.4					2	50	18				
3	DSE-E	2	3	2.4					2	50	18				
4	DSE-E	2	3	2.4					2	50	18				
5	AECC-E	2	4	3.2					2	50	18				
	TOTAL	10	16	12.8	8	20	16		250	---					
S E M E S T E R – VI (Duration – 6 Months)															
1	DSE-F	2	3	2.4		8	20	16	2	50	18	As per BOS Guidelines	200	70	
2	DSE-F	2	3	2.4					2	50	18				
3	DSE-F	2	3	2.4					2	50	18				
4	DSE-F	2	3	2.4					2	50	18				
5	AECC-F	2	4	3.2					2	50	18				
	TOTAL	10	16	12.8	8	20	16		250	---					
		20	32	25.6	16	40	32		500	--	---	200			
• Student contact hours per week : 32 Hours (Min)						• Total Marks for B.Sc.-III (Including English) : 700									
• Theory and Practical Lectures : 48 Min. Each						• Total Credits for B.Sc.-III (Semester V & VI) : 36									
• DSE- Discipline Specific Elective. A candidate shall select one course (subject) from the three Courses (Subjects) selected at B.Sc. – II namely : Physics, Chemistry, Mathematics, Statistics, Electronics, Computer Science, Botany, Zoology, Biotechnology (opt/voc.), Geography, Geology, Seed Technology, Microbiology, Industrial Microbiology, Biochemistry (opt.), Psychology, Food Science and Quality Control, Plant Protection, Pollution, Fisheries, Astrophysics, Nanotechnology (Opt), and other subjects approved by Competent Authorities.															
• AECC- Ability Enhancement Compulsory Course (E & F) : English															
• Practical Examination will be conducted annually for 200 Marks per course (subject).															
• There shall be separate passing for theory and practical courses.															

	Credits	Marks
B.Sc. I	52	1100
B.Sc. II	52	1000
B. Sc. III	36	700
Total	140	2800

R. B. Sc. 3 (iv): Soft Skill Courses (SSC)

For **Sem I, II and Sem V, VI** there shall be compulsory Soft Skill Courses (SSC) under **Self study mode** which are as follows:

Sem I: SSC – I : Democracy, Elections and Good Governance (2 Credits)

Sem II: SSC – II : Any one from following (i) to (v) (2 Credits)

i) Business Communication & Presentation ii) Event management iii) Personality Development, iv) Yoga & Physical Management v) Resume, Report & proposal writing

Sem V: SSC – III : Constitution of India and Local Self Government (2 Credits)

Sem VI: SSC – IV: Any one from following (vi) to (x) (2 Credits)

vi) Interview & Personal Presentation Skill, vii) Entrepreneurship Development Skill, viii) Travel & Tourism, ix) E-Banking & financial services, x) RTI & Human Right Education, IPR & Patents

- *These courses are of Self Study mode. The study material of all above courses will be made available on University website.*
- *The Examination of each of the course will be of 50 marks having 25 MCQ questions. Minimum 20 marks (40%) out of 50 are required for passing.*
- *The duration of examination shall be 60 minutes.*
- *The examination shall be conducted at the college level.*
- *The list of all candidates along with marks is to be submitted to the University.*
- *The degree will be awarded only after successful completion of these courses.*
- *The Credits achieved by the successful student shall be separately mentioned in Result-sheet.*

R.B. Sc. 3 (v): List of courses: B. Sc. Part 1 (Sem I & II),
Part 2 (Sem III & IV), Part 1 (Sem V & VI)

Course code	Name of Course	Course code	Name of Course
B. Sc. 1: Sem I DSC – 1A to 38 A			
DSC A1	Physics I	DSC A21	Geology I
DSC A2	Physics II	DSC A22	Geology II
DSC A3	Chemistry I	DSC A23	Seed Technology I
DSC A4	Chemistry II	DSC A24	Seed Technology II
DSC A5	Mathematics I	DSC A25	Microbiology I
DSC A6	Mathematics II	DSC A26	Microbiology II
DSC A7	Statistics I	DSC A27	Industrial Microbiology I
DSC A8	Statistics II	DSC A28	Industrial Microbiology II
DSC A9	Electronics I	DSC A29	Biochemistry I
DSC A10	Electronics II	DSC A30	Biochemistry II
DSC A11	Computer Science I	DSC A31	Psychology I
DSC A12	Computer Science II	DSC A32	Psychology II
DSC A13	Botany I	DSC A33	Food Science & Quality control I
DSC A14	Botany II	DSC A34	Food Science & Quality control II
DSC A15	Zoology I	DSC A35	Astrophysics I
DSC A16	Zoology II	DSC A36	Astrophysics II
DSC A17	Biotechnology (Opt) I	DSC A37	Nanotechnology (opt) I
DSC A18	Biotechnology (Opt) II	DSC A38	Nanotechnology (opt) II
DSC A19	Geography I		
DSC A20	Geography II		

DSC: Discipline Specific Core Course

AECC – Ability Enhancement Compulsory Course

AECC – A – English – I

Sem II : DSC – 1B to 38B

Course code	Name of Course	Course code	Name of Course
B. Sc. 1: Sem II DSC – 1B to 38B			
DSC B1	Physics III	DSC B21	Geology III
DSC B2	Physics IV	DSC B22	Geology IV
DSC B3	Chemistry III	DSC B23	Seed Technology III
DSC B4	Chemistry IV	DSC B24	Seed Technology IV
DSC B5	Mathematics III	DSC B25	Microbiology III
DSC B6	Mathematics IV	DSC B26	Microbiology IV
DSC B7	Statistics III	DSC B27	Industrial Microbiology III
DSC B8	Statistics IV	DSC B28	Industrial Microbiology IV
DSC B9	Electronics III	DSC B29	Biochemistry III
DSC B10	Electronics IV	DSC B30	Biochemistry IV
DSC B11	Computer Science III	DSC B31	Psychology III
DSC B12	Computer Science IV	DSC B32	Psychology IV
DSC B13	Botany III	DSC B33	Food Science & Quality control III
DSC B14	Botany IV	DSC B34	Food Science & Quality control IV
DSC B15	Zoology III	DSC B35	Astrophysics III
DSC B16	Zoology IV	DSC B36	Astrophysics IV
DSC B17	Biotechnology (Opt) III	DSC B37	Nanotechnology (opt) III
DSC B18	Biotechnology (Opt) IV	DSC B38	Nanotechnology (opt) IV
DSC B19	Geography III		
DSC B20	Geography IV		

AECC – B – English – II

B. Sc. 2: Sem III : List of courses

Course code	Name of Course	Course code	Name of Course
B. Sc. 2: Sem III DSC – 1C to 38C			
DSC C1	Physics V	DSC C21	Geology V
DSC C2	Physics VI	DSC C22	Geology VI
DSC C3	Chemistry V	DSC C23	Seed Technology V
DSC C4	Chemistry VI	DSC C24	Seed Technology VI
DSC C5	Mathematics V	DSC C25	Microbiology V
DSC C6	Mathematics VI	DSC C26	Microbiology VI
DSC C7	Statistics V	DSC C27	Industrial Microbiology V
DSC C8	Statistics VI	DSC C28	Industrial Microbiology VI
DSC C9	Electronics V	DSC C29	Biochemistry V
DSC C10	Electronics VI	DSC C30	Biochemistry VI
DSC C11	Computer Science V	DSC C31	Psychology V
DSC C12	Computer Science VI	DSC C32	Psychology VI
DSC C13	Botany V	DSC C33	Food Science & Quality control V
DSC C14	Botany VI	DSC C34	Food Science & Quality control VI
DSC C15	Zoology V	DSC C35	Astrophysics V
DSC C16	Zoology VI	DSC C36	Astrophysics VI
DSC C17	Biotechnology (Opt) V	DSC C37	Nanotechnology (opt) V
DSC C18	Biotechnology (Opt) VI	DSC C38	Nanotechnology (opt) VI
DSC C19	Geography V	*	
DSC C20	Geography VI		

*Interdisciplinary Courses (IDS) (DSC - IC)

DSC IC39	Astrophysics I	DSC IC45	Plant Protection I
DSC IC40	Astrophysics II	DSC IC46	Plant Protection II
DSC IC41	Geochemistry I	DSC IC47	Pollution I
DSC IC42	Geochemistry II	DSC IC48	Pollution II
DSC IC43	Biochemistry I	DSC IC49	Fisheries I

DSC IC44	Biochemistry II	DSC IC50	Fisheries II
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Sem – IV

Course code	Name of Course	Course code	Name of Course
B. Sc. 2: Sem IV DSC – 1D to 38D			
DSC D1	Physics VII	DSC D20	Geography VIII
DSC D2	Physics VIII	DSC D21	Geology VII
DSC D3	Chemistry VII	DSC D22	Geology VIII
DSC D4	Chemistry VIII	DSC D23	Seed Technology VII
DSC D5	Mathematics VII	DSC D24	Seed Technology VIII
DSC D6	Mathematics VIII	DSC D25	Microbiology VII
DSC D7	Statistics VII	DSC D26	Microbiology VIII
DSC D8	Statistics VIII	DSC D27	Industrial Microbiology VII
DSC D9	Electronics VII	DSC D28	Industrial Microbiology VIII
DSC D10	Electronics VIII	DSC D29	Biochemistry VII
DSC D11	Computer Science VII	DSC D30	Biochemistry VIII
DSC D12	Computer Science VIII	DSC D31	Psychology VII
DSC D13	Botany VII	DSC D32	Psychology VIII
DSC D14	Botany VIII	DSC D33	Food Science & Quality control VII
DSC D15	Zoology VII	DSC D34	Food Science & Quality control VIII
DSC D16	Zoology VIII	DSC D35	Astrophysics VII
DSC D17	Biotechnology (Opt) VII	DSC D36	Astrophysics VIII
DSC D18	Biotechnology (Opt) VIII	DSC D37	Nanotechnology (opt) VII
DSC D19	Geography VII	DSC D38	Nanotechnology (opt) VIII
		*	
AECC C Environmental Studies			
AECC D Project			

*Interdisciplinary Courses (IDS) (DSC – ID)

DSC ID39	Astrophysics III	DSC ID45	Plant Protection III
DSC ID40	Astrophysics IV	DSC ID46	Plant Protection IV
DSC ID41	Geochemistry III	DSC ID47	Pollution III

DSC ID42	Geochemistry IV	DSC ID48	Pollution IV
DSC ID43	Biochemistry III	DSC ID49	Fisheries III
DSC ID44	Biochemistry IV	DSC ID50	Fisheries IV

B. Sc. 3: Sem V
Discipline Specific Elective (DSE)

Course code	Name of Course	Course code	Name of Course
B. Sc. 3: Sem V DSE – 1E to 84E			
DSE E1	Physics IX	DSE E45	Seed Technology IX
DSE E2	Physics X	DSE E46	Seed Technology X
DSE E3	Physics XI	DSE E47	Seed Technology XI
DSE E4	Physics XII	DSE E48	Seed Technology XII
DSE E5	Chemistry IX	DSE E49	Microbiology IX
DSE E6	Chemistry X	DSE E50	Microbiology X
DSE E7	Chemistry XI	DSE E51	Microbiology XI
DSE E8	Chemistry XII	DSE E52	Microbiology XII
DSE E9	Mathematics IX	DSE E53	Industrial Microbiology IX
DSE E10	Mathematics X	DSE E54	Industrial Microbiology X
DSE E11	Mathematics XI	DSE E55	Industrial Microbiology XI
DSE E12	Mathematics XII	DSE E56	Industrial Microbiology XII
DSE E13	Statistics IX	DSE E57	Biochemistry IX
DSE E14	Statistics X	DSE E58	Biochemistry X
DSE E15	Statistics XI	DSE E59	Biochemistry XI
DSE E16	Statistics XII	DSE E60	Biochemistry XII
DSE E17	Electronics IX	DSE E61	Psychology IX
DSE E18	Electronics X	DSE E62	Psychology X
DSE E19	Electronics XI	DSE E63	Psychology XI
DSE E20	Electronics XII	DSE E64	Psychology XII
DSE E21	Computer Science IX	DSE E65	Food Science & Quality control IX
DSE E22	Computer Science X	DSE E66	Food Science & Quality control X
DSE E23	Computer Science XI	DSE E67	Food Science & Quality control XI
DSE E24	Computer Science XII	DSE E68	Food Science & Quality control XII
DSE E25	Botany IX	DSE E69	Plant Protection V
DSE E26	Botany X	DSE E70	Plant Protection VI
DSE E27	Botany XI	DSE E71	Plant Protection VII

DSE E28	Botany XII	DSE E72	Plant Protection VIII
DSE E29	Zoology IX	DSE E73	Fisheries V
DSE E30	Zoology X	DSE E74	Fisheries VI
DSE E31	Zoology XI	DSE E75	Fisheries VII
DSE E32	Zoology XII	DSE E76	Fisheries VIII
DSE E33	Biotechnology (Opt) IX	DSE E77	Astrophysics IX
DSE E34	Biotechnology (Opt) X	DSE E78	Astrophysics X
DSE E35	Biotechnology (Opt) XI	DSE E79	Astrophysics XI
DSE E36	Biotechnology (Opt) XII	DSE E80	Astrophysics XII
DSE E37	Geography IX	DSE E81	Nanotechnology (Opt)IX
DSE E38	Geography X	DSE E82	Nanotechnology (Opt)X
DSE E39	Geography XI	DSE E83	Nanotechnology (Opt)XI
DSE E40	Geography XII	DSE E84	Nanotechnology (Opt)XII
DSE E41	Geology IX	AECC E	Paper III
DSE E42	Geology X		
DSE E43	Geology XI		
DSE E44	Geology XII		

Sem – VI

Course code	Name of Course	Course code	Name of Course
B. Sc. 3: Sem VI DSE – 1F to 84F			
DSE F1	Physics XIII	DSE F45	Seed Technology XIII
DSE F2	Physics XIV	DSE F46	Seed Technology XIV
DSE F3	Physics XV	DSE F47	Seed Technology XV
DSE F4	Physics XVI	DSE F48	Seed Technology XVI
DSE F5	Chemistry XIII	DSE F49	Microbiology XIII
DSE F6	Chemistry XIV	DSE F50	Microbiology XIV
DSE F7	Chemistry XV	DSE F51	Microbiology XV
DSE F8	Chemistry XVI	DSE F52	Microbiology XVI
DSE F9	Mathematics XIII	DSE F53	Industrial Microbiology XIII
DSE F10	Mathematics XIV	DSE F54	Industrial Microbiology XIV
DSE F11	Mathematics XV	DSE F55	Industrial Microbiology XV
DSE F12	Mathematics XVI	DSE F56	Industrial Microbiology XVI
DSE F13	Statistics XIII	DSE F57	Biochemistry XIII
DSE F14	Statistics XIV	DSE F58	Biochemistry XIV
DSE F15	Statistics XV	DSE F59	Biochemistry XV
DSE F16	Statistics XVI	DSE F60	Biochemistry XVI
DSE F17	Electronics XIII	DSE F61	Psychology XIII
DSE F18	Electronics XIV	DSE F62	Psychology XIV
DSE F19	Electronics XV	DSE F63	Psychology XV
DSE F20	Electronics XVI	DSE F64	Psychology XVI
DSE F21	Computer Science XIII	DSE F65	Food Science & Quality control XIII
DSE F22	Computer Science XIV	DSE F66	Food Science & Quality control XIV
DSE F23	Computer Science XV	DSE F67	Food Science & Quality control XV
DSE F24	Computer Science XVI	DSE F68	Food Science & Quality control XVI
DSE F25	Botany XIII	DSE F69	Plant Protection IX
DSE F26	Botany XIV	DSE F70	Plant Protection X
DSE F27	Botany XV	DSE F71	Plant Protection XI
DSE F28	Botany XVI	DSE F72	Plant Protection XII
DSE F29	Zoology XIII	DSE F73	Fisheries IX

DSE F30	Zoology XIV	DSE F74	Fisheries X
DSE F31	Zoology XV	DSE F75	Fisheries XI
DSE F32	Zoology XVI	DSE F76	Fisheries XII
DSE F33	Biotechnology (Opt) XIII	DSE F77	Astrophysics XIII
DSE F34	Biotechnology (Opt) XIV	DSE F78	Astrophysics XIV
DSE F35	Biotechnology (Opt) XV	DSE F79	Astrophysics XV
DSE F36	Biotechnology (Opt) XVI	DSE F80	Astrophysics XVI
DSE F37	Geography XIII	DSE F81	Nanotechnology (Opt) XIII
DSE F38	Geography XIV	DSE F82	Nanotechnology (Opt) XIV
DSE F39	Geography XV	DSE F83	Nanotechnology (Opt) XV
DSE F40	Geography XVI	DSE F84	Nanotechnology (Opt) XVI
DSE F41	Geology XIII	AECC E	Paper IV
DSE F42	Geology XIV		
DSE F43	Geology XV		
DSE F44	Geology XVI		

Draft

Rules of B.Sc. as per CBCS pattern to be implemented from the academic year 2018-19
under the Faculty of Science & Technology

	Previous Rules	Amended Rules
R. B. Sc. 1	The three year B. Sc. Degree Course shall consist of three parts (Parts I, II & III) <u>consisting of two semesters each. Semester Examinations shall be held at the end of each semester.</u>	CBCS R. B. Sc. 1: The 3 year B. Sc. CBCS Program shall consist of 3 parts (Part I, II and III) consisting of 2 semesters each. Semester Examination for theory papers shall be held at the end of each semester. The Practical Examination shall be held at the end of Part I/ II/ III examination.
R. B. Sc. 2	<p>The Scheme of the Physical Education has been made operative for B. Sc. Part-I.</p> <p>The benefit of marks, obtained by the students in Physical Education Tests (of 10 marks) conducted by the University and N. C. C. authorities shall be as under :</p> <ol style="list-style-type: none"> 1. If a student fails in <u>upto four heads</u> of passing of <u>University examination (Theory / Practical)</u> and having passed in all the remaining heads of passing, the marks obtained by him in the Physical Education Test shall be added to maximum <u>upto four</u> heads of passing in which he has failed as the case may be. A student getting the benefit of Physical Education marks should not be given advantage of any other Ordinance. The Physical Education Marks shall not be considered for the award of Class and for deciding merit. 2. If as a result of addition of Physical Education marks a student does not pass the examination the marks obtained by him in Physical Education shall not be considered. 3. The marks of Physical Education obtained by the unsuccessful 	<p>CBCS R. B. Sc. 2:</p> <p>The Scheme of the Physical Education has been made operative for B. Sc. Part-I.</p> <p>The benefit of marks, obtained by the students in Physical Education Tests (of 10 marks) conducted by the University and N. C. C. authorities shall be as under :</p> <ol style="list-style-type: none"> 1. If a student fails in up to four heads of passing of University examination (Theory / Practical) and having passed in all the remaining heads of passing, the marks obtained by him in the Physical Education Test shall be added to maximum up to four heads of passing in which he has failed as the case may be. A student getting the benefit of Physical Education marks should not be given advantage of any other Ordinance. The Physical Education Marks shall not be considered for the award of Class and for deciding merit. 2. If as a result of addition of Physical Education marks a student does not pass the examination the marks obtained by him in Physical Education shall not be considered. 3. The marks of Physical Education obtained by the unsuccessful students at the B. Sc. Part-I semester Examination shall be carried forward for their subsequent attempt/s.

	<p>students at the B. Sc. Part-I <u>semester</u> Examination shall be carried forward for their subsequent attempt/s.</p> <p>4. The marks obtained in Physical Education shall not be considered for earning exemption in a subject of head of passing, but the marks will be carried forward for availing the benefit at the subsequent attempts.</p> <p>5. The marks secured by the students under the Physical Education scheme shall be added to the total of his marks in the Examination irrespective of the fact of his passing or failure in the examination. The Physical Education marks shall be shown as “Total +P. E. Marks”.</p> <p>6. The Physical Education Test shall be conducted in the first Semester.</p>	<p>4. The marks obtained in Physical Education shall not be considered for earning exemption in a subject of head of passing, but the marks will be carried forward for availing the benefit at the subsequent attempts.</p> <p>5. The marks secured by the students under the Physical Education scheme shall be added to the total of his marks in the Examination irrespective of the fact of his passing or failure in the examination. The Physical Education marks shall be shown as “Total +P. E. Marks”.</p> <p>6. The Physical Education Test shall be conducted in the Second Semester.</p>
R. B. Sc. 3	<p>(A) : The following shall be the course of studies for the <u>B. Sc. Part-I (Sem. I & II), II (Sem. III & IV) & III (Sem. V & VI) examinations.</u></p> <p style="text-align: center;">B. Sc. Part-I</p> <p>i) Candidates should offer English compulsory and any four science subjects from the <u>following</u> :</p> <p><u>English, Physics, Chemistry, Botany, Zoology, Statistics, Mathematics, Geology, Micro-biology, Geography, Computer Science, Psychology, Electronics, Bio Technology.</u></p> <p><u>(Note : The affiliated college should declare the subject combinations available at the college as per the teaching provisions and workload in the prospectus.)</u></p> <p style="text-align: center;">B. Sc. Part-II</p> <p>ii) For B. Sc. Part-II <u>(Sem. III & IV)</u> a candidate shall select three subsidiary subjects from the four science subjects offered at B. Sc. Part-I or two subsidiary subjects from the four science subjects offered at B. Sc. Part-I and any one interdisciplinary subject from the list ‘I’ as the third subsidiary subject.</p> <p style="text-align: center;">A B C D</p>	<p>CBCS R. B. Sc. 3:</p> <p>Please refer to the :</p> <p>(i) Structure - I <u>for B. Sc. Part – I</u></p> <p>(ii) Structure - II <u>for B. Sc. Part – II</u></p> <p>(iii) Structure - III <u>for B. Sc. Part – III</u></p> <p>(iv) Soft Skill Courses (SSC)</p> <p>For Sem I and II there shall be compulsory Soft Skill Courses (SSC) under Self study mode which are as follows:</p> <p>Sem I: SSC – I : Democracy, Elections and Good Governance (2 Credits)</p> <p>Sem II: SSC – II : Any one from (i) to (v) (2 Credits)</p> <p>i) Business Communication & Presentation ii) Event management iii) Personality Development, iv) Yoga & Physical Management v) Resume, Report & proposal writing.</p> <p>Sem V: SSC – III : Constitution of India and Local Self Government (2 Credits)</p> <p>Sem VI: SSC – IV: Any one from (vi) to (x) (2 Credits)</p> <p>vi) Interview & Personal Presentation Skill, vii) Entrepreneurship Development Skill, viii) Travel & Tourism, ix) E-Banking & financial services, x) RTI & Human Right Education, IPR & Patents</p> <ul style="list-style-type: none"> • <i>These courses are of Self Study mode. The study material of all above courses</i>

	<p>Part-II Project Report.</p> <p>List of Restructured Subjects</p> <p>Combinations (Traditional Subjects)</p> <ol style="list-style-type: none"> 1. Plant Protection: Botany, Zoology, Chemistry. 2. Pollution: Botany, Zoology, Chemistry. 3. Agro-chemicals including Fertilizers: Chemistry, Botany. 4. Dairy Science: Zoology and Chemistry. 5. Fisheries: Zoology and Chemistry. 6. Ground Water Studies and Evaluation: Geology. 	
	<p>B. Sc. Part-III</p> <p>iii) For B. Sc. Part-III, there shall be one compulsory paper in English or one paper in Foundation Course and one Principal subject to be chosen from the three/two subsidiary subjects offered at B. Sc. Part-II.</p> <p>B)i) <u>There</u> will be two papers and practical/s per Science subject at the B. Sc. Part-I. (The nature of the practicals will be decided by the respective Boards).</p> <p>In the case of English there will be one paper at <u>each semester of</u> B. Sc. Part-I.</p> <p>ii) There will be two papers and practical/s per subject at the B. Sc. Part-II.</p> <p>iii) There will be four papers and practical/s in the Principal subject at B. Sc. Part-III. There will be one paper <u>of</u> English or one paper of Foundation Course <u>at each semester</u>.</p> <p>C)Distribution of marks of Theory and Practical.</p> <p>iv) B. Sc. Part-I</p>	

Subjects	Paper/s	Theory / Semester		Practicals	Total
		Sem I	Sem II		
English	One	40:10	40:10	-	100
Science Subject I	Two	80:20	80:20	50	250
Science Subject II	Two	80:20	80:20	50	250
Science Subject III	Two	80:20	80:20	50	250
Science IV	Two	80:20	80:20	50	250
Grand Total marks - 1100					

v) B.Sc. II

Subjects	Papers	Theory / Semester		Practicals	Total
		Sem III	Sem IV		
Science I	Two	80:20	80:20	100	300
Science II	Two	80:20	80:20	100	300
Science III	Two	80:20	80:20	100	300
Grand Total marks - 900					

vi) B. Sc. Part-III

	<table><tr><th rowspan="2">Subjects</th><th rowspan="2">Papers</th><th colspan="2">Theory / Semester</th><th rowspan="2">Practicals</th><th rowspan="2">Total</th></tr><tr><th>Sem V</th><th>Sem VI</th></tr><tr><td>English/ Foundation Course</td><td>One</td><td>40:10</td><td>40:10</td><td>-</td><td>100</td></tr><tr><td rowspan="4">Science Subject (Four Papers)</td><td>One</td><td>40:10</td><td>40:10</td><td rowspan="4">200</td><td rowspan="4">600</td></tr><tr><td>One</td><td>40:10</td><td>40:10</td></tr><tr><td>One</td><td>40:10</td><td>40:10</td></tr><tr><td>One</td><td>40:10</td><td>40:10</td></tr><tr><td colspan="6">Grand Total marks - 700</td></tr><tr><td colspan="6">Teaching Periods</td></tr><tr><td colspan="6"><p>B. Sc. Part-I : There shall be 5 lectures per week per science subject. One practical of four periods per Science Subject per week. In case of English there shall be <u>4</u> lectures per week.</p><p>B. Sc. Part-II : There will be 3 periods per paper + 2 Practical turns of 4 periods each per Science subject per week.</p><p>B. Sc. Part-III : There will be 3 periods per paper + 4 Practical turns of 5 periods each per Science subject per week.</p><p>There will be 4 periods per week for the subject of English or Foundation Course.</p></td></tr></table>	Subjects	Papers	Theory / Semester		Practicals	Total	Sem V	Sem VI	English/ Foundation Course	One	40:10	40:10	-	100	Science Subject (Four Papers)	One	40:10	40:10	200	600	One	40:10	40:10	One	40:10	40:10	One	40:10	40:10	Grand Total marks - 700						Teaching Periods						<p>B. Sc. Part-I : There shall be 5 lectures per week per science subject. One practical of four periods per Science Subject per week. In case of English there shall be <u>4</u> lectures per week.</p> <p>B. Sc. Part-II : There will be 3 periods per paper + 2 Practical turns of 4 periods each per Science subject per week.</p> <p>B. Sc. Part-III : There will be 3 periods per paper + 4 Practical turns of 5 periods each per Science subject per week.</p> <p>There will be 4 periods per week for the subject of English or Foundation Course.</p>						
Subjects	Papers			Theory / Semester				Practicals	Total																																								
		Sem V	Sem VI																																														
English/ Foundation Course	One	40:10	40:10	-	100																																												
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R. B. Sc. 4	The detailed syllabi for the various subjects shall be as shown in the appendix and shall be subject to such revision, modification etc. as may be made by the Academic Council from time to time on the recommendation of the Boards of Studies in different subjects. The text-books and reference books for the various subjects shall be those as prescribed by the Academic Council from time to time on the	CBCS R. B. Sc. 4 : The detailed syllabi for the various courses under CBCS pattern shall be subject to such revision, modification etc. as may be made by the Academic Council from time to time on the recommendation of the Boards of Studies in different subjects and shall be available on University website. The text-books and reference books for the various subjects shall be those as prescribed by the Academic Council from time to time on the																																															

	recommendations of the respective Boards of Studies.	the recommendations of the respective Boards of Studies.
R. B. Sc. 5	<p>i) The result of the B. Sc. Part-I examination shall be declared publicly in two categories viz. i) candidates who have passed the Part-I examination and ii) candidates who are allowed to proceed to the B. Sc. Part-II Course.</p> <p>ii) The result of the B. Sc. Part-II shall be declared publicly in two categories viz. (i) candidates who have passed in all heads of passing of the Examination in addition to the remaining heads of passing, if any of the lower Examinations, (ii) Candidates who are allowed to proceed to the next higher course.</p> <p>No class shall be awarded at B. Sc. Part-I & II Examination and no passing certificate shall be issued to the candidates for these examinations.</p>	<p>CBCS R. B. Sc. 5 :</p> <p>a) The result of the B. Sc. Part-I examination shall be declared publicly in three categories viz. i) Pass-candidates who have passed the Part-I examination and (ii) Fail-Candidates who have failed in one or more heads of passing. (iii) Fail-ATKT – Who have Failed in maximum two heads of passing, such candidates are allowed to proceed for B. Sc. Part II.</p> <p>b) The result of the B. Sc. Part-II examination shall be declared publicly in three categories viz. i) Pass-candidates who have passed the Part-II examination and (ii) Fail-Candidates who have failed in one or more heads of passing. (iii) Fail-ATKT – Who have Failed in maximum two heads of passing, such candidates are allowed to proceed for B. Sc. Part III.</p> <p>c) The result of B. Sc. Part III shall be declared publicly in two categories viz. (i) Pass-Candidates who have passed in all heads of passing of the Examination and (ii) Fail-Candidates who have failed in one or more heads of passing (iii) The result of the Candidate at B. Sc. Part –III shall be declared pass only when candidate clears the Part – I & II Examinations satisfactorily.</p> <p>No class shall be awarded at B. Sc. Part-I & II Examination and no passing certificate shall be issued to the candidates for these examinations.</p>
R. B. Sc. 6	The fees for the admission to the B. Sc. Part-I, B. Sc. Part-II & Part-III Semester Examinations shall be as prescribed <u>by University Circular from time to time.</u>	<p>CBCS R. B. Sc. 6 :</p> <p>The fees for the admission to the B. Sc. Part-I, B. Sc. Part-II & Part-III Semester Examinations shall be as prescribed by University Circular from time to time.</p>
R. B. Sc. 7	The Principal may permit a student in the first term only to change his optional subject or subjects provided that the Principal is satisfied that the student wanting such a change would be able to complete his course in the new subject/s during the time remaining at the disposal in the <u>respective semester. However no such change shall be allowed or accepted after submission of University examination form of the</u>	<p>CBCS R. B. Sc. 7 :</p> <p>The Principal of the college may permit a student to change his optional subject/ subjects in the first term only before submission of dully filled University Examination form.</p>

	<u>respective student.</u>	
R. B. Sc. 8	<p>i) Applications for admission to the University Examinations at the end of <u>respective semesters of</u> B. Sc. Part-I, II & III shall be made in the prescribed form through the Principal of the College attended by him/<u>her</u> as laid down in O.31 & 37 and shall be submitted to the <u>Controller of Examinations</u> of the University on or before the appointed day together with the certificate of attendance during the <u>respective</u> terms of the year.</p> <p>Applications for admissions to the October examination of B. Sc. Part-I, II & III shall be made in the prescribed form and shall be forwarded to the Registrar of the University alongwith the prescribed fee through the Principal of the College only by those candidates who have failed at the B. Sc. Part-I, II and III examination, so as to reach the University Office not later than the date fixed for the purpose.</p>	<p>CBCS R. B. Sc. 8 :</p> <p>The Principal of the college has to certify the attendance and the examination form of the candidates as per the Ordinance O. 31 and O. 37. A candidate has to submit examination form as per the schedule and dates prescribed by the University for every examination to the University along with the prescribed fee through the Principal of the college.</p>
R. B. Sc. 9	<p>The B. Sc. Part-I, Part-II and Part-III <u>semester</u> Examinations shall be held twice a year in April/May and October/November.</p> <p>A candidate passing in any of the heads of passing shall not be allowed to appear again in the same head of passing.</p>	<p>CBCS R. B. Sc. 9 :</p> <p>A candidate who has already passed in a principle course (subject) and wants to improve the performance in theory only, shall be allowed to appear again in that head in immediate subsequent semester after cancellation of earlier performance. This provision is made only for B. Sc. Part III (Sem V & VI) in the same course (subject) before taking concerned degree.</p>
R. B. Sc. 10	<p>A candidate who has passed the B. Sc. Degree examination of this University once shall be permitted on the submission of a new application and on payment of a fresh fee to appear again at B. Sc. Part-II and III Examination.</p> <p>a)i) In a principal subject other than the one in which he has already passed in B. Sc. Part-III, provided the subject so offered was one of his optional subjects at B. Sc. Part-II and provided further that he</p>	<p>CBCS R. B. Sc. 10 :</p> <p>a) A candidate, who has already qualified the B. Sc. Degree examination with a specific subject of this University and desires to seek B. Sc. Degree in another subject, shall be permitted to do so. Such candidate may appear again at B. Sc. Part – III (Sem V & VI) Examination on the submission of a new application for fresh admission and on payment of required fees. Such a candidate need not appear for compulsory course (English).</p>

completes minimum attendance during two additional terms in B. Sc. Part-III in a college or colleges affiliated for the subject, he wants to offer newly.

ii) Such a candidate will not have to pass in compulsory subject (English or Foundation Course) as the case may be, since he has passed the same during his previous B. Sc. Part-III Examination.

Such a candidate passing the examination shall not be eligible for class or additional degree. He shall be granted a certificate of having passed the additional subject.

b) In one or more new optional subject/s at B. Sc. Part-II and not desiring to appear for Principal Subject (Principal subject remaining the same) permissible under the rules provided he has completed the minimum attendance during the two terms of B. Sc. Part-II, in the subject/s in a college affiliated for the subject/s he has offered. In such a case, if the candidate has not offered the subject/subjects (newly appearing) at B. Sc. Part-I then he will have to clear the subject at B. Sc. Part-I also, without keeping additional terms for B. Sc. Part-I. The concerned college will arrange for practicals and internal evaluation to be completed at B. Sc. Part-I, His result of B. Sc. Part-II will be withheld till he clears his subject/s at B. Sc. Part-I. Such a candidate passing the examination shall not be eligible for class or degree, but he shall be awarded a certificate of having passed the additional subject/s.

c) In a Principal subject other than the one which he has offered at B. Sc. Part-II level as optional subject permissible under the rules, provided he has completed the minimum attendance of two terms at B. Sc. Part-II for the newly offered subject/subjects and two additional terms for B. Sc. Part-III in a college affiliated for the subject he has offered. In such a case, if the candidate has not offered the subjects (newly appearing) at B. Sc. Part-I, then he will have to clear the

b) A candidate seeking degree in a specific course (subject) not offered at B. Sc. Part II & III, but offered only at B. Sc. Part I, needs to reappear for B. Sc. Part II (Sem III & IV) & Part III (V & VI), including both theory and practical.

Such a candidate passing the examination shall not be eligible for class or additional degree. He shall be granted a certificate of having passed the additional subject.

c) The Candidate who has already taken degree in any of the optional courses and if a candidate wants to change the principle courses, candidate can appear for new course as principle course (Subjects), from amongst the optional subjects of B. Sc. Part II, candidate can complete his new course, however the candidate will not be offered new degree in the principle subject, the degree will be offered if candidate surrenders his first degree.

d) The above candidates, described in clause (c & d), shall get new degree, provided they surrender first degree. *This rule shall be applicable retrospectively.*

e) The Candidate who has already taken degree in any of the optional courses shall not be eligible for a second degree and a class, a prize, scholarship, medal or any other award even though candidate completes the degree in other remaining courses. The candidate will get all these benefits if candidate surrenders his first degree.

subject/s at B. Sc. Part-I also without keeping additional terms for B. Sc. Part-I. The college will arrange for necessary practicals and tutorials of B. Sc. Part-I. The result of B. sc. Part-II will not be declared unless the candidate clears his subject/s at B. Sc. Part-I. The candidate passing the examination shall be granted a certificate only.

d) Those of the candidates who offer subjects (one principal and other optional) altogether different from those, in which they have already passed at their B. Sc. Part-II and B. Sc. Part-III examinations of this University, will have to keep four terms in a college affiliated to this University and shall be eligible for a fresh degree and a class but not a prize, scholarship, medal or any other award, In the case of those students who have opted to take any three subjects, any or all of which would be different of B. Sc. Part-II from those which he had completed at B. Sc. Part-I, will have to appear for those subjects of the B. Sc. Part-I level without keeping fresh terms so that he would be eligible for award of a Class.

The college will have to arrange for practicals to be completed at B. Sc. Part-I. His result at B. Sc. Part-II will be with held till he clears B. Sc. Part-I completely. In such cases while declaring the Class his performance at various examinations from B. Sc. Part-I to B. Sc. Part-III will be taken into account. Such a candidate will be awarded a degree but not a prize, scholarship or any other award.

e) Candidates passing B. Sc. examination of other Universities recognised as equivalent to the B.Sc. examination of this University and desiring to join the B. Sc. Course of this University will be allowed to join the B. Sc. Course of this University, provided they offer subjects different (both at B. Sc. Part-II and B. Sc. Part-III level) from those in which they have already passed and keep four terms in a college affiliated to this University. Such of the candidates shall have to fulfil the other requirements in respect of keeping terms as per the regular students. In such a case the candidates

	shall have to clear the subject/s at B. Sc. Part-I also without keeping fresh terms for B. Sc. Part-I. The Principal of the concerned college will have to arrange for practicals and tutorials to be completed at B. Sc. Part-I. His result at B. Sc. Part-II will be withheld till he clears B. Sc. Part-I completed. In such cases while declaring the Class, his performance at various examinations from B. Sc. Part-I to B. Sc. part-III will be taken into account. Such a candidate will be awarded a degree but not a prize or scholarship or any other award	
R. B. Sc. 11	<p>A candidate who has duly qualified himself for appearing at the final B. Sc. examination and has not passed or has not taken the examination will be permitted :</p> <p>i) to offer any of his optional subjects as his principal subject other than the one which was his principal subject formerly provided he keeps two additional terms for the purpose in B. Sc. Part-III.</p> <p>ii) to change one or both of his optional subjects of the B. Sc. Degree course provided he keeps two additional terms for the purpose in B. Sc. Part-II.</p> <p>iii) To change one or both the optional subjects and the principal subject provided he keeps four additional terms in B. Sc. Part-II and III. Such students will be required to appear and pass or get A. T. K. T. at the B. Sc. Part-II (final) examination to be eligible for admission to B. Sc. Part-III Course.</p> <p>iv) Such of the students shall have to fulfil the other requirements in respect of standard of passing and of keeping of terms as per the regular students.</p>	<p>CBCS R. B. Sc. 11:</p> <p>A candidate, who has duly qualified for appearing at B. Sc. Part III examination and has not taken the examination, will be permitted to offer any of his optional subjects at B. Sc. Part II, as his principal subject at B. Sc. Part III. However, the candidate has to complete two terms successfully in the newly selected course (subject).</p>
R. B. Sc. 12	A candidate who has satisfactorily kept one term in this University or in any one of the Universities in the State of Maharashtra for the Intermediate Science Examination or an equivalent examination shall be	<p>CBCS R. B. Sc. 12 :</p> <p>A candidate who has satisfactorily kept first term of B. Sc. Part-I in Shivaji University or any other Universities recognised by UGC and following CBCS pattern shall be</p>

	allowed to join for the Second Term of the B. Sc. Part-I.	allowed to join for the Second Term of the B. Sc. Part-I in Shivaji University.
R. B. Sc. 13	Students from other Universities eligible for admission to <u>B. Sc. Part-III</u> Course of this University shall have to appear <u>for all the papers</u> and practical of B. Sc. Part-I, B. Sc. Part-II and B. Sc. Part-III examinations, if they desire to have a class higher than a pass class according to the prescribed standard of passing <u>OR Equivalence test conducted by this University.</u>	CBCS R. B. Sc. 13 : A candidate satisfactorily completing B. Sc. Part I (Sem I & II) from other UGC recognised Universities, following CBCS pattern and seeking admission for B. Sc. Part II of Shivaji University shall be admitted in affiliated colleges and Credits shall be transferred.
R. B. Sc. 14	<p>Students passing Part-I or II examination of the B. Sc. Degree Course of the Regional Universities can take admission to the next higher class. Such of the students appearing for the papers and practicals of the higher class only, will not be eligible for any class i.e. successful students shall be declared to have merely passed the examination. For purposes of class such of the candidates shall have to appear for all the papers and practicals of B. Sc. Parts-I, II and III of this University without keeping terms. The provision of this Regulation is applicable to the students of those Regional Universities which reciprocate with this University in giving similar concession to the students of this University.</p> <p>Those of the students who have obtained the concession of A. T. K. T. at any of the examinations of the Universities in the State of Maharashtra and desire to migrate to this University for prosecuting their further studies will have to clear the failed subjects from the parent University. In the cases of such students the parent University should issue the Migration Certificate and also allow them to appear for the examination in the failed subject while they prosecute their studies in this University. This provision is applicable to the students of those Universities which reciprocate with this University.</p>	<p>CBCS R. B. Sc. 14 :</p> <p>A candidate from other Universities recognized by UGC can take admission to the same course (Subject) in any subsequent semester in the framework of Rules and Regulations of this University.</p> <p>Such candidate who has obtained the concession of A. T. K. T. at any of the examinations of the other Universities recognized by UGC and desires to migrate to this University to proceed for further studies will have to clear the failed subjects from the parent University. In the case of such candidates the parent University should issue the Migration Certificate.</p>



SHIVAJI UNIVERSITY, KOLHAPUR-416 004. MAHARASHTRA
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 FAX 0091-0231-2691533 & 0091-0231-2692333 – BOS - 2609094
 शिवाजी विद्यापीठ, कोल्हापूर – 416004.
 दुरध्वनी (ईपीएबीएक्स) २६०९००० (अभ्यास मंडळे विभाग— २६०९०९४)
 फॅक्स : ००९१-०२३१-२६९१५३३ व २६९२३३३.e-mail:bos@unishivaji.ac.in

Ref./SU/BOS/Arts/6385

Date:- 25/06/2018

The Principal
 All Affiliated Arts (B.A.) Colleges,
 Shivaji University,
 Kolhapur.

Subject: Regarding syllabi and equivalence of B.A. Part- I (Sem. I & II)
 Choice Based Credit System (CBCS) degree programme under
 the Faculty of Humanities.

Sir/Madam,

With reference to the subject mentioned above, I am directed to inform you that the university authorities have accepted and granted approval to the syllabi and equivalence of B.A. Part-I (Sem. I & II) Choice Based Credit System (CBCS) under the Faculty of Humanities.

This syllabi and equivalence shall be implemented from the academic year 2018-2019 (i.e. from June 2018) onwards. A soft copy containing the syllabus is attached herewith and it is also available on university website www.unishivaji.ac.in. (Online Syllabus).

The question papers on the pre-revised syllabi of above mentioned course will be set for the examinations to be held in October /November 2018 & March/April 2019. These chances are available for repeater students, if any.

You are therefore, requested to bring this to the notice of all Students and Teachers concerned.

Thanking you,

Yours faithfully,

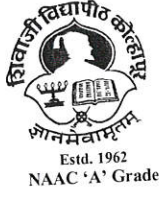
Dy. Registrar

Encl: As above

Copy to;

- | | | |
|---|---|-----------------|
| 1 Dean, Faculty of Humanities | } | for information |
| 2 Chairman, BOS under Faculty of Humanities | | |

- | | | |
|----------------------------------|---|---------------------------------------|
| 3 Appointment Section | } | for information and necessary action. |
| 4 P.G. Admission Section | | |
| 5 B.A. Section | | |
| 6 Affiliation Section (U.G./P.G) | | |
| 7 Computer Centre | | |
| 8 Eligibility Section | | |
| 9 Distan Education | | |
| 10 P.G.Seminer Section | | |



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शिवाजी विद्यापीठ, कोल्हापूर - ४१६ ००४.
दुरध्वनी : (ईपीएबीएक्स) २६०९००० (अभ्यास मंडळे विभाग- २६०९०९४)
फॅक्स : ००९१-०२३१-२६९९५३३ व २६९२३३३. Email bos@unishivaji.ac.in

1

एस.यु./अ.मं./विज्ञान व तंत्रज्ञान/10470

दि.25.09.2018

प्रति,

प्राचार्य,
सर्व संबंधित संलग्नित महाविद्यालये,
शिवाजी विद्यापीठ, कोल्हापूर.

विषय :- बी.ए. अभ्यासक्रमाच्या प्रश्नपत्रिकेच्या स्वरूपाबाबत.

महोदय,

उपरोक्त विषयसंदर्भात विद्यापीठ अधिकार मंडळाच्या निर्णयानुसार आपणास कळविण्यात येते की, मानव्य विज्ञान विद्याशाखेअंतर्गत शैक्षणिक वर्ष 2018-19 पासून बी.ए. भाग-1 च्या सर्व पदवी अभ्यासक्रमांना चॉईस बेस्ड क्रेडिट सिस्टिम धोरण लागू करण्यात आले आहे. त्याअनुषंगाने बी.ए. भाग-1 अभ्यासक्रमाचे सर्व विषयांचे कॉमन प्रश्नपत्रिकेचे स्वरूप (भाषा वगळून) तयार करण्यात आले असून ते माहितीसाठी व पुढील कार्यवाहीसाठी सोबत जोडून पाठविले आहे.

उपरोक्त बाब सर्व संबंधित शिक्षक व विद्यार्थ्यांच्या निदर्शनास आणावी.

सदर बी.ए. अभ्यासक्रमाचे (भाषा वगळून) प्रश्नपत्रिकेचे स्वरूप विद्यापीठाच्या www.unishivaji.ac.in (Online Syllabus) या संकेतस्थळावर उपलब्ध करण्यात येत आहे.

कळावे,

आपला विश्वासु,

उपकुलसचिव

प्रत:-

1. प्रभारी अधिष्ठाता, मानव्य विज्ञान विद्याशाखा
2. मा.संचालक, परीक्षा व मुल्यमापन मंडळ
3. सर्व अध्यक्ष अभ्यास/समन्वय समिती

यांना माहितीस्तव

- योग्य त्या पुढील कार्यवाहीसाठी
3. बी.ए. परीक्षा विभाग
4. परीक्षक नियुक्ती विभाग
5. संलग्नता विभाग टी-1
6. संगणक विभाग
7. पात्रता विभाग

यांना योग्य त्या पुढील कार्यवाहीसाठी

Faculty of Humanities

Common Nature of Question Paper (Except Languages)

Choice Based Credit System

B. A. Part-I (Semester- I and II) Examination

Course (Subject) (Paper – No.)

Course Code No. : **Course Title**

Paper Code:

Day and Date:

Total Marks: 50**Time:**

Instructions: 1) All questions are compulsory
2) Figures to the right indicate full marks

1. Select the correct alternative from the following:

[10]

i) 

ii)

a)	b)
c)	d)

iii) _____
 a) _____ b) _____
 c) _____ d) _____

iv) -----
 a) b)
 c) d)

v) 

vi) _____
a) _____ b) _____
c) _____ d) _____

vii) _____
a) _____ b) _____
c) _____ d) _____

viii) _____
a) _____ b) _____
c) _____ d) _____

ix) _____
a) _____ b) _____
c) _____ d) _____

x) _____
a) _____ b) _____
c) _____ d) _____

2. Write short notes on any FOUR out of SIX :

[20]

3. (A) Broad question:

[10]

OR

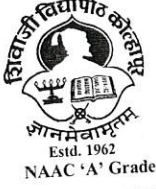
(B) Broad question:

4. (A) Broad question:

[10]

OR

(B) Broad question:



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 शिवाजी विद्यापीठ, कोल्हापूर – 416004.
 दुरध्वनी (ईपीएबीएक्स) २६०९००० (अभ्यास मंडळे विभाग- २६०९०९४)
 फॅक्स : ००९१-०२३१-२६९१५३३ व २६९२३३३. e-mail: bos@unishivaji.ac.in

दि. 01/10/2017

जा.क्र./एस.यु./अ.मं./10635

प्रति,

प्राचार्य,
 सर्व संलग्नित महाविद्यालये व
 शिवाजी विद्यापीठ, कोल्हापूर

विषय:- बी. कॉम. भाग-1 CBCS प्रश्नपत्रिकेच्या स्वरूपाबाबत.

महोदय/ महोदया,

उपरोक्त विषयसंदर्भात विद्यापीठ अधिकार मंडळाच्या निर्णयानुसार आपणांस कळविण्यात येते की, वाणिज्य व व्यवस्थापन विद्याशाखेअंतर्गत शैक्षणिक वर्ष 2018-19 पासून बी. कॉम. भाग-1 च्या सर्व अभ्यासक्रमांना Choice Based Credit System लागू करण्यात आली आहे. त्याअनुषंगाने बी. कॉम. भाग-1 अभ्यासक्रमाचे सर्व विषयांचे प्रश्नपत्रिकेचे स्वरूप तयार करण्यात आले असून माहितीसाठी व पुढील कार्यवाहीसाठी सोबत जोडून पाठविले आहे.

सदर बी. कॉम. भाग-1 CBCS प्रश्नपत्रिकेचे स्वरूप विद्यापीठाच्या www.unishivaji.ac.in या संकेतस्थळावरही उपलब्ध करण्यात आले आहे.

सबब, उपरोक्त बाब सर्व संबंधित शिक्षक व विद्यार्थ्यांच्या निदर्शनास आणावी.
 कळावे,

आपला विश्वासु,

उपकुलसचिव

सोबत : वरीलप्रमाणे

प्रत: 1. प्र. अधिष्ठाता, सर्व विद्याशाखा
 2. पीजीबीयुटीआर विभाग
 3. परीक्षक नियुक्ती विभाग
 4. बी.एस्सी. विभाग
 5. आय.टी. सेल

यांना माहितीसाठी व पुढील योग्य त्या कार्यवाहीसाठी.

B.Com. Part I

MICRO ECONOMICS

Nature of question paper
(Sem. I and II)

Paper –I & II

Total Marks: 50

All questions carry equal marks

Attempt any five questions out of seven.

- | | |
|--|-----------|
| Q.1 Write short answers (any two out of three) | 10 marks. |
| Q.2 Broad question | 10 marks. |
| Q.3 Broad question | 10 marks. |
| Q.4 Broad question | 10 marks. |
| Q.5 Broad question | 10 marks. |
| Q.6 Broad question | 10 marks. |
| Q.7 Write short notes (any two out of three) | 10 marks. |

B.Com. Part I
Management Principles & Application
Semester –I & II
Paper –I & II
Nature of Question Paper
Total Marks – 50 (will be converted in Credit)

Instructions:-

- 1) Attempt any five questions out of seven
 - 2) All questions carry equal marks.
-

Q.1 Short Answer Type Questions:

(Any Two out of Three)

10 marks

Q.2 Long Answer Questions

10 marks.

Q.3 Long Answer Questions

10 marks.

Q.4 Long Answer Questions

10 marks.

Q.5 Long Answer Questions

10 marks.

Q.6 Long Answer Questions

10 marks.

Q.7 Short notes(Any Two out of Three)

10 marks.

B.Com. Part I

Subject:- Financial Accounting

**Semester –I & II
Paper –I & II**

Nature of Question Paper

Instructions:- 1- All questions are compulsory.

2-Figures to the right indicate marks.

Total Marks- 50

Q.No.1	a) Problem	10Marks	}	20 Marks
	b) Problem	10 Marks		
Note :Common data/ problem be given for (a) and &(b) above.				
Q.No.2	Attempt any Two out of Three			20 Marks
	a)Separate Problem	10 Marks		
	b) Separate Problem	10 Marks		
	c) Separate Problem	10 Marks		
Q.No.3	Short Notes (Any Two out of Four)			10 Marks

B.Com. Part I

PRINCIPLES of MARKETING

Semester –I & II

Paper –I & II

Nature of Question Paper

Total Marks - 50

Instructions:-

- 1) All questions carry equal marks.
 - 2) Attempt any five questions out of seven.
-

Q.1 Write short answers (Any Two out of Three)

Q.2 Long Answer

Q.3 Long Answer

Q.4 Long Answer

Q.5 Long Answer

Q.6 Long Answer

Q.7 Write short Notes (Any Two out of Three)

B.Com I

Subject : Global Finance

Sem I & II

Paper I & II

Nature of Question Paper

Total 50 Marks

Instructions : (Attempt any 5 Questions out of 7 Questions)

Qu.1 Write short Answers (2 out of 3) - 10 Marks

Qu.2 Long Answer Questions - 10 Marks

Qu.3 Long Answer Questions - 10 Marks

Qu.4 Long Answer Questions - 10 Marks

Qu.5 Long Answer Questions - 10 Marks

Qu.6 Long Answer Questions - 10 Marks

Qu.7 Write Short Notes (2 out of 3) - 10 Marks

B.Com. Part I

BUSINESS MATHEMATICS

Sem – I & II Paper I & II

Nature of question paper

(Total Marks – 50)

Instruction : -

1) All question carry equal marks.

2) Attempt any FIVE Questions out of seven.

Q. 1 – Write short answers 2 out of 3	10 Marks
Q. 2 – Long Answer	10 Marks
Q. 3 - Long Answer	10 Marks
Q. 4 - Long Answer	10 Marks
Q. 5 - Long Answer	10 Marks
Q. 6 - Long Answer	10 Marks
Q. 7 – Write short notes 2 out of 3	10 Marks

B.Com. Part I
Insurance

Semester –I & II

Paper –I & II

Nature of Question Paper

Total Marks - 50

Instructions:-

- 1) All questions carry equal marks.
 - 2) Attempt any five questions out of seven.
-

Q.1 Write short answers (Any Two out of Three)

Q.2 Long Answer

Q.3 Long Answer

Q.4 Long Answer

Q.5 Long Answer

Q.6 Long Answer

Q.7 Write short Notes (Any Two out of Three)

B.Com. Part I

Subject- Foreign Trade

**B.Com-Part I Semester I & II CBCS Pattern
Paper –I & II
Nature of Question Paper**

Total Marks - 50

Instructions:-

- 1) All questions carry equal marks.**
- 2) Attempt any five questions out of seven**

Q.1 Write short answers (any 2 out of 3)	10 marks.
Q.2 Long Answer	10 marks.
Q.3 Long Answer	10 marks.
Q.4 Long Answer	10 marks.
Q.5 Long Answer	10 marks.
Q.6 Long Answer	10 marks.
Q.7 Write short notes (any 2 out of 3)	10 marks.



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शिवाजी विद्यापीठ, कोल्हापूर - ४१६ ००४.

दुरध्वनी : (ईपीएबीएक्स) २६०९००० (अभ्यास मंडळे विभाग- २६०९०९४)

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एस.यु./अ.मं./विज्ञान व तंत्रज्ञान/8046

दि.14.08.2018

प्रति,

प्राचार्य,
सर्व संबंधित संलग्नित विज्ञान महाविद्यालये,
शिवाजी विद्यापीठ, कोल्हापूर.

विषय :- बी.एस्सी. अभ्यासक्रमाच्या प्रश्नपत्रिकेच्या स्वरूपाबाबत.

महोदय,

उपरोक्त विषयसंदर्भात विद्यापीठ अधिकार मंडळाच्या निर्णयानुसार आपणास कळविण्यात येते की, विज्ञान व तंत्रज्ञान विद्याशाखेअंतर्गत शैक्षणिक वर्ष 2018-19 पासून बी.एस्सी. भाग-1 च्या सर्व पदवी अभ्यासक्रमांना चॉईस बेस्ड क्रेडिट सिस्टिम धोरण लागू करण्यात आले आहे. त्याअनुषंगाने बी.एस्सी. भाग-1 अभ्यासक्रमाचे सर्व विषयांचे कॉमन प्रश्नपत्रिकेचे स्वरूप (इंग्रजी व पर्यावरण अभ्यास (AECC)) वगळून तयार करण्यात आले असून ते माहितीसाठी व पुढील कार्यवाहीसाठी सोबत जोडून पाठविले आहे.

उपरोक्त बाब सर्व संबंधित शिक्षक व विद्यार्थ्यांच्या निदर्शनास आणावी.

सदर बी.एस्सी. अभ्यासक्रमाचे कॉमन प्रश्नपत्रिकेचे स्वरूप विद्यापीठाच्या www.unishivaji.ac.in (Online Syllabus) या संकेतस्थळावर उपलब्ध करण्यात येत आहे.

कळावे,

आपला विश्वासु,

उपकुलसचिव

प्रत:-

1. प्रभारी अधिष्ठाता, विज्ञान व तंत्रज्ञान विद्याशाखा
2. मा.संचालक, परीक्षा व मुल्यमापन मंडळ
3. सर्व अध्यक्ष अभ्यास/समन्वय समिती

यांना माहितीस्तव

योग्य त्या पुढील कार्यवाहीसाठी

3. बी.एस्सी. परीक्षा विभाग
4. परीक्षक नियुक्ती विभाग
5. संलग्नता विभाग टी-1
6. संगणक विभाग
7. पात्रता विभाग

यांना योग्य त्या पुढील कार्यवाहीसाठी

Common Nature of Question Paper (Except AECC)

Choice Based Credit System

B. Sc. Part-I (Semester- I) Examination

Course (Subject) (Paper – No.)

DSC-A No. : Course Title

Paper Code:

Day and Date:

Total Marks: 50

Time:

Instructions:

- 1) All questions are compulsory*
- 2) Figures to the right indicate full marks*
- 3) Draw neat labeled diagrams wherever necessary*
- 4) Use of Scientific calculator is allowed*

1. Select the correct alternative from the following:

[10]

i) -----

- | | |
|----|----|
| a) | b) |
| c) | d) |

ii) -----

- | | |
|----|----|
| a) | b) |
| c) | d) |

iii) -----

- | | |
|----|----|
| a) | b) |
| c) | d) |

iv) -----

- | | |
|----|----|
| a) | b) |
| c) | d) |

v) -----

- | | |
|----|----|
| a) | b) |
| c) | d) |

vi) ----

- | | |
|----|----|
| a) | b) |
| c) | d) |

vii) ----

- | | |
|----|----|
| a) | b) |
| c) | d) |

viii) ----

- | | |
|----|----|
| a) | b) |
| c) | d) |

ix) ----

- | | |
|----|----|
| a) | b) |
| c) | d) |

x) -----

- | | |
|----|----|
| a) | b) |
| c) | d) |

2. Attempt any TWO of the following:

[20]

A)

B)

C)

3. Attempt any FOUR of the following:

[20]

a)

b)

c)

d)

e)

f)

Choice Based Credit System
B. Sc. Part-I (Semester- II) Examination

Course (Subject) (Paper – No..)

Course Code (DSC-B _No..) : Course Title

Paper Code:

Day and Date:

Total Marks: 50

Time:

Instructions:

- 1) All questions are compulsory*
- 2) Figures to the right indicate full marks*
- 3) Draw neat labeled diagrams wherever necessary*
- 4) Use of Scientific calculator is allowed*

1. Select the correct alternative from the following:

[10]

i) -----

- | | |
|----|----|
| a) | b) |
| c) | d) |

ii) -----

- | | |
|----|----|
| a) | b) |
| c) | d) |

iii) -----

- | | |
|----|----|
| a) | b) |
| c) | d) |

iv) -----

- | | |
|----|----|
| a) | b) |
| c) | d) |

v) -----

- | | |
|----|----|
| a) | b) |
| c) | d) |

vi) -----

- | | |
|----|----|
| a) | b) |
| c) | d) |

vii) -----

- | | |
|----|----|
| a) | b) |
| c) | d) |

viii) -----

- | | |
|----|----|
| a) | b) |
| c) | d) |

ix) -----

- | | |
|----|----|
| a) | b) |
| c) | d) |

x) -----

- | | |
|----|----|
| a) | b) |
| c) | d) |

2. Attempt any TWO of the following:

[20]

A)

B)

C)

3. Attempt any FOUR of the following:

[20]

a)

b)

c)

d)

e)

f)



Estd. 1962
NAAC 'A' Grade

SHIVAJI UNIVERSITY, KOLHAPUR-416 004. MAHARASHTRA

PHONE : EPABX-2609000 website- www.unishivaji.ac.in

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शिवाजी विद्यापीठ, कोल्हापूर – 416004.

दुरध्वनी (ईपीएबीएक्स) २६०९००० (अभ्यास मंडळे विभाग— २६०९०९४)

फॅक्स : ००९१-०२३१-२६९१५३३ व २६९२३३३. e-mail: bos@unishivaji.ac.in

SU/BOS/Science/6254

Date: 21-06-2018

To,

The Principal,
All Affiliated (Science) Colleges/Institutions,
Shivaji University, Kolhapur.

Subject: Regarding syllabi of B. Sc. Part-I (CBCS) degree programme under the
Faculty of Science and Technology

Sir/Madam,

With reference to the subject mentioned above, I am directed to inform you that the university authorities have accepted and granted approval to the revised syllabi, Nature of question paper and equivalence of B. Sc. Part-I (Sem. I & II) Choice Based Credit System (CBCS) under the Faculty of Science and Technology.

B.Sc.-I (Sem. I & II) (CBCS)			
1)	English (Com.)	2)	Chemistry
3)	Physics	4)	Zoology
5)	Botany	6)	Statistics
7)	Mathematics	8)	Microbiology
9)	Geography	10)	Geology
11)	Electronics	12)	Biotechnology (Optional/Vocational)
13)	Computer Science	14)	Biochemistry
15)	Food Science & Quality Control	16)	Astro Physics & Space Science
17)	Nanotechnology	18)	Industrial Microbiology

This syllabi and equivalence shall be implemented from the academic year 2018-2019 (i.e. from June 2018) onwards. A soft copy containing the syllabus is attached herewith and it is also available on university website www.unishivaji.ac.in (Online Syllabus)

The question papers on the pre-revised syllabi of above mentioned course will be set for the examinations to be held in October /November 2018 & March/April 2019. These chances are available for repeater students, if any.

You are, therefore, requested to bring this to the notice of all students and teachers concerned.

Thanking you,

Yours faithfully,

Dy Registrar

Copy to:

1	The Dean, Faculty of Arts & Fine Arts	7	Appointment Section
2	Director, Board of Examinations and Evaluation	8	P.G.Seminar Section
3	The Chairman, Respective Board of Studies	9	Computer Centre
4	B.Sc. Exam	10	Affiliation Section (U.G.)
5	Eligibility Section	11	Affiliation Section (P.G.)
6	O.E. I Section	12	P.G.Admission Section



SHIVAJI UNIVERSITY, KOLHAPUR-416 004. MAHARASHTRA

PHONE : EPABX-2609000 website- www.unishivaji.ac.in

FAX 0091-0231-2691533 & 0091-0231-2692333 – BOS - 2609094

शिवाजी विद्यापीठ, कोल्हापूर – 416004.

दुरध्वनी (ईपीएबीएक्स) २६०९०००० (अभ्यास मंडळे विभाग- २६०९०९४)

फॅक्स : ००९१-०२३१-२६९१५३३ व २६९२३३३.e-mail:bos@unishivaji.ac.in

Ref./SU/BOS/Comm/6312

Date:- 22/06/2018

The Principal
All Affiliated (Commerce) Colleges/ Institutions,
Shivaji University, Kolhapur.

Subject: Regarding syllabi and equivalence of B.Com. Part- I (Sem. I & II)
Choice Based Credit System (CBCS), degree programme under
the Faculty of Commerce & Management.

Sir/Madam,

With reference to the subject mentioned above, I am directed to inform you that the university authorities have accepted and granted approval to the revised syllabi and equivalence of B.Com. Part-I (Sem. I & II) Choice Based Credit System (CBCS) under the Faculty of Commerce & Management.

1	Business Communication	9	Hindi
2	Micro Economics	10	Urdu
3	Management Principles & Applications	11	Kannada
4	Financial Accounting	12	Business Mathematics
5	Principles of Marketing	13	Insurance
6	History of Civilization	14	Geography
7	Marathi	15	Foreign Trade
8	Global Finance		

This revised syllabi and equivalence shall be implemented from the academic year 2018-2019 (i.e. from June 2018) onwards. A soft copy containing the syllabus is attached herewith and it is also available on university website www.unishivaji.ac.in. (Online Syllabus).

The question papers on the pre-revised syllabi of above mentioned course will be set for the examinations to be held in October /November 2018 & March/April 2019. These chances are available for repeater students, if any.

You are therefore, requested to bring this to the notice of all Students and Teachers concerned.

Thanking you,

Yours faithfully,

Dy. Registrar

Encl: As above

Copy to;

- | | | | |
|---|--|---|-----------------|
| 1 | Dean, Faculty of Commerce & Management | } | for information |
| 2 | Chairman, BOS under Faculty of Commerce & Management | | |

- | | | | |
|----|--------------------------------|---|---------------------------------------|
| 3 | Appointment Section | } | for information and necessary action. |
| 4 | P.G. Admission Section | | |
| 5 | B.Com. Section | | |
| 6 | Affiliation Section (U.G./P.G) | | |
| 7 | Computer Centre | | |
| 8 | Eligibility Section | | |
| 9 | Distan Education | | |
| 10 | P.G.Seminer Section | | |

SHIVAJI UNIVERSITY, KOLHAPUR.



Accredited By NAAC with 'A' Grade

CHOICE BASED CREDIT SYSTEM

Syllabus For

B.A. Part - I

English

(Ability Enhancement Compulsory Course)

(Syllabus to be implemented from June, 2018 onwards.)

**B.A. Part I – Ability Enhancement Compulsory Course (AECC 1)
(Compulsory English) (CBCS)
English for Communication
Detailed Syllabus
June 2018 onwards**

Course Objectives:

- 1. To acquaint students with communication skills.**
- 2. To inculcate human values among the students through poems and prose.**
- 3. To improve the language competence of the students**

Semester –I AECC 1 (Paper-A)

Module I

- A) Developing Vocabulary
- B) On Saying Please** - A. G. Gardiner

Module II

- A) Narration
- B) In Passion's Shadow** - Mohan Rakesh

Module III

- A. English for General Purposes
- B. The Solitary Reaper** -William Wordsworth

Module IV

- A. **My School**, by Rabindranath Tagore
- B. **All the World is a Stage** - William Shakespeare
- C. **The Street** - Kusumagraj

Division of Teaching hours (Total 60 Periods)

1. Communication Skills: 3 X 12 = 36 periods
2. Reading Comprehension: 6X4 = 24 periods

Pattern of Question Paper

SEMESTER I (AECC 1) (Paper – A)
Total Marks: 50

Q.No	Sub. Q.	Type of Question	Based on Unit	Marks
Q.1	A	Four multiple choice questions with four alternatives to be set.	Prose and poetry units.	04
	B	Answer in one word/phrase/sentence each.	Prose and poetry units.	04
Q.2	A	Answer the following questions in three to four sentences each (4 out of 6)	Prose and poetry units	08
	B	Write short notes on the following in about seven to eight sentences each (3 out of 5)	Prose and poetry units	09
Q.3	---	Do as directed: (Based on Module I A Developing Vocabulary) Four different exercises to be set for 2 marks each.	Module I A	08
Q.4	A	Question to be set on English for General Purposes	Module III A	08
	B	Question to be set on Narration	Module IIA	09

B.A. Part I – Ability Enhancement Compulsory Course(AECC 2)

(Compulsory English) (CBCS)

English for Communication

Detailed Syllabus

June 2018 onwards

Semester –II

(AECC 2)

(Paper – B)

Module V

A. Making Inquiries

B. **The Lost Child** - Mulk Raj Anand

Module VI

A. Telephonic Communication

B. **To My Countrymen** - APJ Abdul Kalam

Module VII

A. Description

B. **A Village Girl** - Mohan Singh

Module VIII

A. **My Elder Brother** - Premchand

B. **The Tiger**- William Blake

C. **A Poet** -Chandrakant Patil

Division of Teaching hours (Total 60 Periods)

1. Communication Skills: 3 X 12 = 36 periods

2. Reading Comprehension: 6X4 = 24 periods

Pattern of Question Paper
SEMESTER II (AECC 2) (Paper – B)
Total Marks: 50

Q.No	Sub. Q.	Type of Question	Based on Unit	Marks
Q.1	A	Four multiple choice questions with four alternatives to be set.	Prose and poetry units.	04
	B	Answer in one word/phrase/sentence each.	Prose and poetry units.	04
Q.2	A	Answer the following questions in three to four sentences each (4 out of 6)	Prose and poetry units	08
	B	Write short notes on the following in about seven to eight sentences each (3 out of 5)	Prose and poetry units	09
Q.3	A	Question to be set on Making Inquiries	Module V A	8
	B	Question to be set on Telephonic Communication	Module VI A	7
Q.4	A	Question to be set on Description Describing objects or persons	Module VIIA	5
	B	Question to be set on Description Describing places or Daily Routine	Module VIIA	5

SHIVAJI UNIVERSITY, KOLHAPUR.



Accredited By NAAC with 'A' Grade

CHOICE BASED CREDIT SYSTEM

Syllabus For

B.A. Part - I

English

(Core Generic Elective-15)

(Syllabus to be implemented from June, 2018 onwards.)

B.A. Part I Core Generic Elective (CGE-15)
(Additional English)
(Semester – I) (Paper –I)
An Introduction to Literature: Poetry
Detailed Syllabus (CBCS)
June 2018 onwards

Module - I

A : Definitions, Nature ,Origin and function of Poetry

B : Poetical Types: Lyric, Ode, Sonnet, Elegy, Ballad, Idyll

Module - II

1. One Day I Wrote Her Name – **Edmund Spenser**

2. Let Me Not to the Marriage of True Minds – **William Shakespeare**

3. On His Blindness – **John Milton**

4. Ozymandias – **P. B. Shelley**

Module - III

1. Daffodils – **William Wordsworth**

2. Stopping By Woods on a Snowy Evening – **Robert Frost**

3. Leisure – **W.H. Davis**

4. Grandma's Ways – **Anna McLean**

Module - IV

1. O Captain ! My Captain – **Walt Whitman**

2. Break, Break, Break – **A. L. Tennyson**

3. O What is that Sound – **W. H. Auden**

4. Ode on Solitude – **Alexander Pope**

B.A. Part I Core Generic Elective(CGE-15)
(Additional English)
(Semester – I) (Paper –I)
An Introduction to Literature: Poetry
Detailed Syllabus (CBCS)
June 2018 onwards

Pattern of Question Paper

Marks: 50

Que.1 : Rewrite the following sentences by choosing the correct alternatives (10)

10 items with 4 alternatives based on Module No. 2,3,4

Que.2: Answer any two of the following questions in about 250 to 300 words each: (20)

Three questions one each on Module No.2,3,4 out of which **two** to be attempted

Que3 A : Write short notes on the following in about 100 to 150 words each : (10)

Three items one each on Module No. 2,3,4 out of which **two** to be attempted

(Not covered in Question No. 2)

B : Write short notes on the following in about 100 to 150 words each : (10)

Three items on Module No.1 (i.e. Poetry as a form of literature) out of which

two to be attempted

B.A. Part I Core Generic Elective (CGE-16)
(Additional English)
(Semester – II) (Paper –II)
An Introduction to Literature: Short Story
Detailed Syllabus
(CBCS)
June 2018 onwards

Module - V

A : Definitions, Origin and Characteristics of Short Story

B : Elements of Short Story

Module - VI

1. A Day's Wait – **Ernest Hemingway**

2. A Grain as Big as a Hen's Egg - **Leo Tolstoy**

Module - VII

1. Wrong Man in Workers Paradise - **Rabindranath Tagore**

2. Carpet – **Jyotika Elhance**

Module - VIII

1. The Childless One – **Jai Nimkar**

2. The Only American from our Village – **Arun Joshi**

B.A. Part I Core Generic Elective (CGE-16)
(Additional English)
(Semester – II) (Paper –II)
An Introduction to Literature: Short Story
Detailed Syllabus
(CBCS)
June 2018 onwards

Pattern of Question Paper

Marks : 50

Que.1 : Rewrite the following sentences by choosing the correct alternatives (10)

10 items with 4 alternatives based on Module No. 6,7,8

Que.2: Answer any two of the following questions in about 250 to 300 words each: (20)

Three questions one each on Module No.6,7,8 out of which **two** to be attempted

Que3 A : Write short notes on the following in about 100 to 150 words each : (10)

Three items one each on Module No. 6,7,8 out of which **two** to be attempted

(Not covered in Question No. 2)

B : Write short notes on the following in about 100 to 150 words each : (10)

Three items on Module No.5 (i.e. Short Story as a form of literature) out of

which **two** to be attempted

SHIVAJI UNIVERSITY, KOLHAPUR.



Accredited By NAAC with 'A' Grade

CHOICE BASED CREDIT SYSTEM

Syllabus For

B.A. Part - I

English (Discipline Specific Core)

(Syllabus to be implemented from June, 2018 onwards.)

B.A. Part I (Discipline Specific Core) (DSC- A3)
(English Paper –I) (Semester – I)
Modern Indian Writing in English Translation
(CBCS)
Detailed Syllabus

Course Objectives:

1. To acquaint the students with translated Modern Indian literature in English.
2. To introduce the students to short story as a form of literature with reference to the texts prescribed.
3. To develop literary competence among students.

Short Stories -

Unit 1. Short Story as a Minor Form of Literature: Characteristic Features

Unit 2. Short Story as a Minor Form of Literature: Types

Unit 3. A) Premchand ‘The Shroud’

B) Saratchandra Chatterji ‘Laloo’

Unit 4. A) Gurdial Singh ‘A Season of No Return’

B) Fakir Mohan Senapati ‘Rebati’

Division of Teaching: 4 X 15 Periods = 60 Periods

Short Stories Prescribed from:

Premchand ‘The Shroud’ in *Penguin Book of Classic Urdu Stories*, ed. M. Assaduddin (New Delhi: Penguin/Viking, 2006).

Saratchandra Chatterji ‘Laloo’, in *Indian Short Stories*, ed. Manmohan Saksena (Oxford University Press, Amen House, London E.C.4, 1951).

Gurdial Singh ‘A Season of No Return’, in *Earthy Tones* tr. Rana Nayar (Delhi Fiction House, 2002).

Fakir Mohan Senapati ‘Rebati’, in *Oriya Stories*, ed. Vidya Das, tr. Kishori Charan Das (Delhi: Shrishti Publishers, 2000).

References:

Venugopal, C. V. *The Indian Short Story in English: A Survey*. Bareilly: Prakash Book Depot. 1976.

Prasad, B. A. *A Background to the Study of English Literature*. Madras: MacMillan India, 1965.

Mehta, Kamal. *The Twentieth Century Indian Short Story in English*. New Delhi: Creative Books, 1997.

Hunter, Adrian. *The Cambridge Introduction to the Short Story in English*. New Delhi: Cambridge University Press, 2007.

Shaw, Valerie. *The Short Story: A Critical Introduction*, New York: Longman Group Limited. 1983.

Warren, Robert Penn, Erskine, Albert. (Ed.). *Short Story Masterpieces*, New York: Dell Publishing Co., 1954.

Pattern of Question Paper

Semester I (DSC- A3)

(English Paper –I)

Total Marks – 50

- | | |
|--|------|
| Q. 1. Multiple choice questions with four alternatives.
(To be set on Unit 3 &4) | (10) |
| Q.2. A) Answer the following questions in about 250-300 words.
(A or B on Unit 1 & 2) | (10) |
| Q.3. Answer the following questions in about 250-300 words.
(A or B on Unit 3 or 4) | (10) |
| Q.4. Write short notes in about 100-150 words each. (4 out of 6)
(3 short notes on Unit 1 , 2 and 3 on Unit 3 , 4 to be set) | (20) |

B.A. Part I (Discipline Specific Core) (DSC –A15)
(English Paper –II) (Semester – II)
Modern Indian Writing in English Translation
(CBCS)

Detailed Syllabus
June 2018 onwards

Course Objectives:

1. To acquaint the students with translated Modern Indian literature in English.
2. To introduce the students to poetry and play as forms of literature with reference to the texts prescribed.
3. To develop literary competence among students.

Poems –

Unit 1.

Rabindra Nath Tagore:

- i) Light, Oh Where is the Light?
- ii) When My Play Was With Thee

Amrita Pritam:

- i) I Say Unto Waris Shah

Unit 2. G. M. Muktibodh:

- i) The Void
- ii) So Very Far

Play -

Unit 3. Satish Alekar– *The Dread Departure (Mahanirvan)*.

Unit 4. Satish Alekar– *The Dread Departure (Mahanirvan)*.

Division of Teaching : 4 X 15 Periods = 60 Periods

Poems / Play Prescribed from:

Rabindra Nath Tagore i) ‘Light, Oh Where is the Light?’ and ii) ‘When My Play Was With Thee’ in *Gitanjali: A New Translation with an Introduction* by William Radice, (New Delhi: Penguin India, 2011).

G. M. Muktibodh i) ‘The Void’, (tr. Vinay Dharwadker) and ii) ‘So Very Far’, (tr. Vishnu Khare and Adil Jussawala), in *The Oxford Anthology of Modern Indian Poetry*, ed. Vinay Dharwadker and A. K. Ramanujan (New Delhi: OUP, 2000).

Amrita Pritam ‘I Say Unto Waris Shah’, (tr. N. S. Tasneem) in *Modern Indian Literature: An Anthology, Plays and Prose Surveys and Poems*, ed. K. M. George, Vol. 3 (Delhi Sahitya Academy, 1992).

References:

Prasad, B. A. *A Background to the Study of English Literature*. Madras: MacMillan India, 1965.

Ramamurti K. S. (Editor). *Twenty Five Indian Poets in English* (Edited with Introduction and notes), Macmillan Publishers Pvt. India Ltd. New Delhi. 2012.

Mehrotra, Arvind Krishna (Editor). *The Oxford India Anthology of Twelve Modern Indian Poets*, Oxford University Press New Delhi. 2004.

Alekar, Satish. *The Dread Departure (Mahanirvan)*. Kolkata: Seagull Books. 2007.

Pattern of Question Paper

(DSC –A15)

(English Paper –II) (Semester – II)

Total Marks – 50

- | | |
|--|------|
| Q. 1. Multiple choice questions with four alternatives. | (10) |
| (5 on Poems & 5 on <i>Mahanirvan</i> to be set) | |
| Q.2. Answer the following questions in about 250-300 words. | (10) |
| (A or B on Unit 1 & 2) | |
| Q.3. Answer the following questions in about 250-300 words. | (10) |
| (A or B on <i>Mahanirvan</i>) | |
| Q.4. Write short notes in about 100-150 words each. (4 out of 6) | (20) |
| (3 on Poems & 3 on <i>Mahanirvan</i> to be set) | |

SHIVAJI UNIVERSITY, KOLHAPUR.



Accredited By NAAC with 'A' Grade

CHOICE BASED CREDIT SYSTEM

Syllabus For

B.Sc. Part – I

Physics

SEMESTER I AND II

(Syllabus to be implemented from June, 2018 onwards.)

B. Sc. Part – I Semester-I
PHYSICS Paper-I
DSC- 1 A MECHANICS-I

Theory: 30 Hours

Marks-50 (Credits: 02)

Unit-I

1. Vectors (4 Hours)

Vector algebra, Scalar and vector products, Derivatives of a vector with respect to a parameter (velocity and acceleration).

2. Ordinary Differential Equations: (6 Hours)

Differential equation; ordinary and partial differential equations, 1st order homogeneous differential equations, 2nd order homogeneous differential equations with constant coefficients. Examples.

3. Laws of Motion: (5 Hours)

Frames of reference, Newton's Laws of motion.

Unit -II

Momentum and Energy: (9 Hours)

Conservation of linear and angular momentum, work and energy theorem, conservation of energy (Single particle), Dynamics of a system of particles (linear momentum, angular momentum and energy), Center of mass, Motion of rockets (qualitative treatment only).

Rotational Motion: (6 Hours)

Angular velocity, angular momentum and Torque, Kinetic energy of rotation and moment of Inertia, Moment of inertia of a spherical shell, solid cylinder (only about axis of symmetry), Motion of spherical Shell and solid cylinder rolling down an inclined plane.

B. Sc. Part – I Semester-I
PHYSICS Paper-II
DSC- 2 A MECHANICS-II
Theory: 30 Hours
Marks-50 (Credits: 02)

Unit-III

1. Gravitation: (9 Hours)

Newton's Law of Gravitation, Motion of a particle in a central force field (motion in a plane, angular momentum is conserved, areal velocity is constant), Kepler's Laws (statement only), Satellite in circular orbit and applications, Geosynchronous orbits, Weightlessness, Basic idea of global positioning system (GPS).

2. Oscillations: (6 Hours)

Simple harmonic motion, Differential equation of SHM and its solutions, Kinetic and Potential Energy, Total Energy and their time averages, Damped oscillations, Forced oscillations.

Unit-IV

1. Elasticity: (9 Hours)

Bending of beam, Bending moment, Cantilever (without considering weight of cantilever), Beam supported at both the ends (without considering weight of beam).

Torsional oscillation, Work done in twisting a wire, Twisting couple on a cylinder - Torsional pendulum-Determination of Rigidity modulus and moment of inertia, Determination of Y , η and σ by Searles method.

2. Surface Tension: (6 Hours)

Surface tension (definition), Angle of contact and wettability, Relation between surface tension, excess of pressure and radius of curvature, Experimental determination of surface tension by Jaeger's method, Applications of surface tension.

***Note:** Students are not familiar with vector calculus. Hence all examples involve differentiation either in one dimension or with respect to the radial coordinate.*

Reference Books:

1. University Physics. FW Sears, MW Zemansky and HD Young 13/e, 1986. Addison-Wesley
2. Mechanics Berkeley Physics course, v.1: Charles Kittel, et. Al. 2007, Tata McGraw-Hill.
3. Physics – Resnick, Halliday & Walker 9/e, 2010, Wiley eastern Ltd, New Delhi.
4. Engineering Mechanics, Basudeb Bhattacharya, 2nd edn., 2015, Oxford University Press
5. University Physics, Ronald Lane Reese, 2003, Thomson Brooks/Cole.
6. Physics – S.G. Starling and Woodal Longmans and Green Co. Ltd.
7. Elements of properties of matter – D.S. Mathur, Shamlal Charitable trust New Delhi.
8. A text Book of properties of matter–N.S. Khare and S. Kumar. Atmaram and sons New Delhi.
9. Concepts of Physics –Vol.1 H.C. Verma -Bharati Bhavan Publishers.

B. Sc. Part – I Semester-II

PHYSICS-Paper-III

DSC- B ELECTRICITY AND MAGNETISM-I

Theory: 30 Hours

Marks-50 (Credits: 02)

Unit-I

Vector Analysis: (15 Hours)

Scalar and Vector product, gradient, divergence, Curl and their significance, Vector Integration, Line, surface and volume integrals of Vector fields, Gauss-divergence theorem and Stoke's theorem of vectors (statement only).

Unit-II

Electrostatics: (15 Hours)

Electrostatic Field, electric flux, Gauss's theorem of electrostatics, Electric potential as line integral of electric field, potential due to a point charge, electric dipole, uniformly charged spherical shell and solid sphere, Calculation of electric field from potential, Capacitance of an isolated spherical conductor, parallel plate, spherical and cylindrical condenser, Energy per unit volume in electrostatic field, Dielectric medium, Polarisation, Displacement vector, Gauss's theorem in dielectrics, Parallel plate capacitor completely filled with dielectric.

B. Sc. Part – I Semester-II

PHYSICS-Paper-IV

DSC- 2B ELECTRICITY AND MAGNETISM-II

Theory: 30 Hours

Marks-50 (Credits: 02)

Unit-III

1A.C. Circuits: (7 Hours)

Complex numbers and their application in solving a. c. series LCR circuit, complex impedance, Reactance, Admittance, and Susceptance, Resonance in LCR series circuit, Sharpness of resonance (qualitative treatment only), Q-factor (definition only) A.C. Bridge - Owen's Bridge

2.Magnetism: (8 Hours)

Magnetostatics: Biot-Savart's law & its applications- straight conductor, circular coil, solenoid carrying current, Divergence and curl of magnetic field, Magnetic vector potential, Ampere's circuital law, Magnetic properties of materials: Magnetic intensity, magnetic induction, permeability, magnetic susceptibility, Brief introduction of dia-, para- and ferro-magnetic materials.

Unit-IV

1. Electromagnetic Induction: (5 Hours)

Faraday's laws of electromagnetic induction, Lenz's law, self and mutual inductance, L of single coil, M of two coils, Energy stored in magnetic field.

2. Maxwell's equations and Electromagnetic wave propagation: (10 Hours)

Equation of continuity of current, Displacement current, Maxwell's equations, Poynting vector, energy density in electromagnetic field, electromagnetic wave propagation through vacuum and isotropic dielectric medium, transverse nature of EM waves, polarization.

Reference Books:

1. Electricity and Magnetism, Edward M. Purcell, 1986, McGraw-Hill Education.

2. Electricity and Magnetism, J.H. Fewkes & J. Yarwood. Vol. I, 1991, Oxford Univ. Press.
3. Electricity and Magnetism, D C Tayal, 1988, Himalaya Publishing House.
4. University Physics, Ronald Lane Reese, 2003, Thomson Brooks/Cole.
5. D.J. Griffiths, Introduction to Electrodynamics, 3rd Edn, 1998, Benjamin Cummings.
6. Electricity and Magnetism – Khare and Shrivastav.
7. Foundations of Electromagnetic Theory – Rritz and Milford.
8. University Physics 9th edition – Young and Freedman.
9. Concepts of Physics Vol-2 H. C. Verma

B. Sc. Part – I

PHYSICS PRACTICALS

Marks 50 (Credites: 02)

DSC-A LAB: MECHANICS

1. Measurements of length (or diameter) using Vernier calliper, screw gauge and travelling microscope.
2. To determine the Moment of Inertia of a Flywheel.
3. To determine the Moment of inertia of a disc using auxiliary annular ring.
4. Young's modulus of material of Bar by vibration.
5. Modulus of rigidity of material of wire by torsional oscillations
6. Y/η of Wire by Searle's method.
7. To determine g by Bar Pendulum.
8. To determine g by Kater's Pendulum.
9. Poission ratio for rubber using rubber tube.
10. To study the Motion of a Spring and calculate (a) Spring Constant (b) Value of g .

DSC- B LAB: ELECTRICITY AND MAGNETISM

1. To use a Multimeter for measuring (a) Resistances, (b) AC and DC Voltages, (c) DC Current, and (d) checking electrical fuses.
2. Measurement of constants of B. G.
3. Determine a high resistance by Leakage Method.
4. To compare capacitances using De'Sauty's bridge.
5. Measurement of field strength B and its variation in a Solenoid (Determine dB/dx).
6. Impedance of series LCR circuit.
7. To study the a series LCR circuit and determine its (a) Resonant Frequency, (b) Quality Factor.
8. 7. To study a parallel LCR circuit and determine its (a) Anti-resonant frequency and (b) Quality factor Q .

9. Frequency of A. C. mains by sonometer.
10. To verify the Thevenin / Norton theorem.

Reference Books:

1. Advanced Practical Physics for students, B.L.Flint & H.T.Worsnop, 1971, Asia Publishing House.
2. A Text Book of Practical Physics, Indu Prakash and Ramakrishna, 11th Edition, 2011, Kitab Mahal, New Delhi.
3. Advanced level Physics Practicals, Michael Nelson and Jon M. Ogborn, 4th Edition, reprinted 1985, Heinemann Educational Publishers
4. College Practical Physics – Khanna and Gulati (S. Chand and Co. Ltd, Delhi).
5. Practical Physics – Gupta and Kumar (Pragati Prakashan Meerat)
6. Advanced Level Practical Physics – J.M. Nelcon, J.M. Ogloom (EIBS).
7. A Text Book of Practical Physics - Shrinivasan and Balasubramanyam.
8. Engineering Practical Physics- S.Panigrahi & B.Mallick, 2015, Cengage Learning India Pvt. Ltd.

SHIVAJI UNIVERSITY, KOLHAPUR.



Estd 1962
NAAC 'A' Grade
Syllabus For
Bachelor of Commerce
B.Com. Part-I
CBCS Pattern
Financial Accounting
Sem-I & Sem-II

Introduced from June 2018 and Onwards
(Subject to the modifications will be made from time to time)

B. Com. (CBCS Pattern)
Part- I (Semester I)
Financial Accounting Paper I
Core Course

Introduce from June-2018-19

Credits : 4

Course Inputs :

Unit I : Basic Accounting Concepts and Conventions, Accounting Process.
Accounting Standards-Need & Procedure, Concept of IFRS **(15 Hours)**

Unit II : Amalgamation of Partnership Firms **(15 Hours)**

Unit III : Consignment Accounts-Important Terms and Accounting in the books of
Consignor and Consignee. **(15 Hours)**

Unit IV : Accounts of Professionals –preparation of Receipts and Expenditure
Account and Balance sheet of Medical Practitioners and Professional Accountants.
(15 Hours)

B. Com.(CBCS Pattern)
Part- I (Semester- II)
Financial Accounting Paper- II
Core Course

Introduce from June-2018-19

Credits : 4

Unit I : Single Entry System - Conversion Method only

(15 Hours)

Unit II : Conversion of Partnership Firm into a Limited Company-Accounting in the books of partnership Firm only.

(15 Hours)

Unit III : Branch Accounts - Dependent Branch- preparation of Branch Account, Branch Trading and Profit and Loss Account and Stock and Debtors Method

(15 Hours)

Unit IV : Computerized Accounting System :

Introduction to Computerized Accounting. Accounting softwares 'Tally'- preparation of Vouchers, Feeding of Data and Generating of various Reports

(15 Hours)

Suggested Readings :

1. Gupta R.L. and Radhaswamy M – 'Financial Accounting' Sultanchand and Sons, New Delhi.
2. Shukla M.C. Grewal T.S. and Gupta S.C. – 'Advanced Accounts' S.Chand and company, New Delhi.
3. Agarwala A.N. Agarwala K.N.- 'Higher Science of Accountancy' Kitab Mahal Allahabad.
4. Jain and Narang – 'Advanced Accountancy' Kalyani Publications, New Delhi.
5. S.N. Mheswari – 'Advanced Accountancy'
6. Compendium of statement and standard of Accounting. The institute of Chartered Accounts of India.
7. Rajan Chougule, Dhaval chougule –“ Theory and practice of Computer Accounting” Modern Publication, Kolhapur.

Note-

- 1- Practical Questions on unit no-2 to 4 from Sem. I and 1 to 3 from sem. II
- 2- Nature of Question paper will remain same as before

Note- College should make a provision of necessary computers for commerce department to train the students in computer Accounting as prescribed in the syllabus.

Equivalence

1	Financial Accounting Paper I Sem-I	1- Financial Accounting Paper I Sem-I
2	Financial Accounting Paper II Sem-II	2- Financial Accounting Paper II Sem-II

B. A. Part II
ABILITY ENHANCEMENT COMPULSORY COURSE (AECC)
(CBCS)

ENGLISH FOR COMMUNICATION
(Compulsory English)
(June 2019 Onwards)

Course Objectives:

- To enable the students to develop communication skills in English, both oral and written.
- To equip the students with the language skills for use in their personal, academic and professional lives.
- To develop the students essential employability skills.
- To help the students to enter the job market with confidence and the ability to work effectively.
- To help the students to learn and practice both language and soft skills.
- To encourage the active involvement of the students in learning process.
- To enable the students to cultivate a broad, human and cultured outlook.

CONTENTS

Semester III

Module I

- A) Oral Skills
- B) A Real Good Smile – **Bill Naughton**
- C) Mending Wall – **Robert Frost**

Module II

- A) Conversation Skills
- B) The Highway – **Ray Bradbury**

Module III

- A) Developing Writing Skills
- B) Whitewashing the Fence – **Mark Twain**

Module IV

- A) Father Returning Home – **Dilip Chitre**
- B) There is a Garden in Her Face – **Thomas Campion**

Semester IV

Module V

- A) E-Communication
- B) Preparation for England – **M.K. Gandhi**

Module VI

- A) Information Transfer and Interpretation of Data
- B) The Selfish Giant – **Oscar Wilde**
- C) Auto Wreck – **Karl Shapiro**

Module VII

- A) English for Banking and Industries
- B) The Journey – **Mary Oliver**

Module VIII

- A) An Old Man's Wisdom – **Sudha Murty**
- B) My Soul has a Hat – **Mário de Andrade**

- **PATTERN OF QUESTION PAPER**

B.A. II
ABILITY ENHANCEMENT COMPULSORY COURSE (AECC)
ENGLISH FOR COMMUNICATION
(Compulsory English)
PATTERN OF QUESTION PAPER (June 2019 Onwards)

Semester III (Paper C)

Total Marks: 50

Q. No	Sub Q.	Type of Question	Based on	Marks
Q. 1	A.	Four multiple choice questions with four alternatives to be set	Prose and Poetry	04
	B.	Answer in one word/phrase/sentence each.	Prose and Poetry	04
Q.2	A.	Answer the following questions in 3-4 sentences each. (3 out of 5)	3 on Prose and 2 on Poetry	06
	B.	Write Short Notes on the following in about 7-8 sentences each. (2 out of 3)	1 on Prose and 2 on Poetry	08
	C.	Two different Vocabulary Exercises to be set for 1 mark each	Prose and Poetry	02
Q.3	A.	Question to be set on ORAL SKILLS	Module I A	04
	B.	Question to be set on ORAL SKILLS	Module I A	05
Q.4	A.	Question to be set on CONVERSATION SKILLS	Module II A	04
	B.	Question to be set on CONVERSATION SKILLS	Module II A	04
Q.5	A.	Question to set on DEVELOPING WRITING SKILLS	Module III A	05
	B.	Question to set on DEVELOPING WRITING SKILLS	Module III A	04

Semester IV (Paper D)**Total Marks: 50**

Q. No	Sub Q.	Type of Question	Based on	Marks
Q. 1	A.	Four multiple choice questions with four alternatives to be set	Prose and Poetry	04
	B.	Answer in one word/phrase/sentence each.	Prose and Poetry	04
Q.2	A.	Answer the following questions in 3-4 sentences each. (3 out of 5)	3 on Prose and 2 on Poetry	06
	B.	Write Short Notes on the following in about 7-8 sentences each. (2 out of 3)	1 on Prose and 2 on Poetry	08
	C.	Two different Vocabulary Exercises to be set for 1 mark each.	Prose and Poetry	02
Q.3	A.	Question to be set on E-COMMUNICATION	Module V A	05
	B.	Question to be set on E-COMMUNICATION	Module V A	04
Q.4	A.	Question to be set on INFORMATION TRANSFER AND INTERPRETATION OF DATA	Module VI A	04
	B.	Question to be set on INFORMATION TRANSFER AND INTERPRETATION OF DATA	Module VI A	04
Q.5	A.	Question to set on ENGLISH FOR BANKING AND INDUSTRIES	Module VII A	05
	B.	Question to set on ENGLISH FOR BANKING AND INDUSTRIES	Module VII A	04

B. A. PART II
LINGUISTICS (I.D.S)
(Paper I) (Semester III)
LANGUAGE AND LINGUISTICS (CBCS)

Detailed Syllabi (June 2019 Onwards)

Course Objectives:

- To acquaint the students with Language and Linguistics in general.
- To acquaint the students with Phonetics and Phonology.
- To acquaint the students with Morphology and Syntax.
- To acquaint the students with the concepts of Semantics and Pragmatics.

Module: I Introduction to Language

- I) Definitions
- II) Characteristics of Language
- III) Difference between Human and Animal Communication System

Module: II Introduction to Linguistics

- I) What is Linguistics?
- II) Linguistics as a Science
- III) Diachronic and Synchronic Linguistics
- IV) The Concepts of 'Signifier' and 'Signified'

Module: III Phonetics

I) Speech Mechanism:

- i) Organs of Speech: lips, teeth, tongue, palate (the roof of the mouth), uvula, and vocal-cords etc.
- ii) Description of English Consonants and Vowels with three-term labels
- iii) Active and Passive Articulators

II) Phonetics:

- i) Difference between Speech Sounds and Letters
- ii) What is Phonetics?
- iii) Branches of Phonetics: The Articulatory Phonetics, Acoustic Phonetics and Auditory Phonetics.
- iv) Phonetic Transcription of Simple Words

Module: IV Phonology

- I) Difference between Phonetics and Phonology
- II) Phonemes and Allophones
- III) Minimal Pairs,

Reference Books:

Gleason, H.A. *An Introduction to Descriptive Linguistics*. Amerind Publishing Co. (Chapter 1). 1961.

Langacker, R.W. *Language and its Structure*. New York: Harcourt Brace Jovanovich. Inc. 1973.

Hockett, C.F. *A Course in Modern Linguistics*. Oxford & IBH Publishing Company (chapter 64). 1958.

Robins, R.H. *General Linguistics: An Introductory Survey*. Longman. 1964.

Verma, S.K. and Krishnaswamy, N. *Modern Linguistics: An Introduction to Modern Linguistics*. Oxford University Press. 1989.

Velayudhan, S. & Mohanan, K.P. *An Introduction to the Phonetics and Structure of English*. Somaiya Publications Pvt. Ltd. New Delhi. 1977.

Bansal, R.K. & Harrison, J.B. *Spoken English for India*. Orient Longman. 1972.

Sethi, J. & Dhamija, P.V. *A Course in Phonetics and Spoken English*. Prentice Hall of India, New Delhi. 1989.

Balasubramanian, T. *A Textbook of English Phonetics for Indian Students*. Macmillan. 1981.

Hornby, A.S. *Oxford Advanced Learner's Dictionary of Current English*. 1974.

Varshney, R.L... *An Introductory Textbook of Linguistics and Phonetics*. Students store, Bareilly. 1986.

B. A. PART II LINGUISTICS (I.D.S) (Paper I) (Semester III) LANGUAGE AND LINGUISTICS (CBCS)

QUESTION PAPER PATTERN

June 2019 Onwards

Total Marks: 50

- | | |
|---|------|
| Q. 1. Five multiple choice questions with four alternatives to be set on all modules | [5] |
| Q. 2. Short notes in about 5 - 6 sentences each: (5 out of 7)
(On Module 1 & 2) | [15] |
| Q. 3. A) Short Answer type questions in about 4 - 5 sentences each: (5 out of 7)

(On Module 3 & 4) | [15] |
| B) Description of English phonemes/ speech sounds with three-term labels: | [5] |

- (5 out of 7)
- Q. 4. A) Conventional spellings of the transcribed words: (5 out of 7) [5]
B) Identification of the different phonemes from the minimal pairs given [5]
(5 out of 7)

B. A. PART II
LINGUISTICS (I.D.S)
(Paper II) (Semester IV)
LANGUAGE AND LINGUISTICS (CBCS)

Detailed Syllabi (June 2019 Onwards)

Module: I Morphology

- I) The Concept of Morpheme
- II) Types of Morpheme
- III) Allomorphs
- IV) Morphological Analysis
- V) Morphological Processes: Affixation, Conversion, Compounding, Reduplication, Blending, Clipping etc.

Module: II Syntax

- I) What is Syntax?
- II) Elements of Clause [SPOCA]
- III) Basic Clause Patterns
- IV) Simple Sentences and Complex Sentences
- V) Immediate Constituent Analysis [IC Analysis]

Module: III Semantics

- I) What is Semantics?
- II) Lexical Relations: Synonymy, Antonymy, Polysemy, Homonymy, Hyponymy and Collocation

Module: IV Pragmatics

- I) What is Pragmatics?
- II) Difference between Semantics and Pragmatics
- III) Deixis: Person, Place, Time, Discourse and Social
- IV) Adjacency Pairs
- V) Cooperative Principle (CP)

Reference Books:

Leech, G.N. *English Grammar for Today: An Introduction*. The Macmillan: London. 1984.

Hockett Charles, *A Course in Modern Linguistics*. Oxford & IBH Publishing Company, Bombay. 1970.

Palmer, F.R. *Semantics*. Cambridge University Press. 1981.

Leech, G.N. *Semantics*. Penguin Books, London. 1981.

Levinson S.C. *Pragmatics*. Cambridge: CUP. 1983.

Leech, G.N. *Principles of Pragmatics*. Longman Group Ltd, London. 1986.

Yule, George. *Pragmatics*. Oxford University Press. 2004.

Onions, C.T. & Miller B.D.H. *Modern English Syntax*. Rutledge, London. 1971.

Jupp, T.C. & Milne J.L. *English Sentence Structure*. The English Book Society and Heinemann Educational Books. 1968.

B. A. PART II LINGUISTICS (I.D.S)
(Paper II) (Semester IV)
LANGUAGE AND LINGUISTICS (CBCS)

QUESTION PAPER PATTERN
June 2019 Onwards

Total Marks: 50

- | | |
|--|------|
| Q. 1. Five multiple choice questions with four alternatives to be set on all modules | [5] |
| Q. 2. A) Short notes in about 5 - 6 sentences each: (5 out of 7) | [15] |
| (On Module I & II) | |
| B) Morphological analysis of the words using tree diagrams. | |
| (5 out of 7) | [5] |
| Q. 3. A) Short Answer type questions in about 4 - 5 sentences each (5 out of 7) | |
| (On Module III & IV) | [15] |
| B) I C Analysis of the sentences (5 out of 7) | [5] |
| Q. 4. A) Identification of different deixis given in the passage/dialogue: | [5] |

B. A. Part II
(Discipline Specific Core) (DSC-C5)
English (Paper III) (Semester III)
LITERATURE AND CINEMA (CBCS)

Course Objectives:

- To introduce film and its relationship to literature to the students
- To acquire film literacy through a working knowledge of basic film terminology
- To develop critical approaches to engage with film adaptations
- To establish a clear understanding of literature through film adaptations of literary texts
- To introduce the students to the issues and practices of cinematic adaptations

Detailed Syllabi
June 2019 Onwards

Module I

Theories of Adaptation

Module II

Adaptation as Interpretation

Module III

William Shakespeare's *Comedy of Errors* and its Adaptation *Angoor* (dir. Gulzar, 1982)

Module IV

William Shakespeare's *Comedy of Errors* and its Adaptation *Angoor* (dir. Gulzar, 1982)

Division of Teaching: 4 Modules X 15 Periods = 60 Periods

Prescribed Texts:

Shakespeare, William. *The Comedy of Errors*, ed. Wells (Oxford, 1995).

William Shakespeare's *Comedy of Errors* and its Adaptation *Angoor* (dir. Gulzar, 1982)

Suggested Reading:

Linda Hutcheon, 'On the Art of Adaptation', *Daedalus*, vol. 133, (2004).

Thomas Leitch, 'Adaptation Studies at Crossroads', *Adaptation*, 2008, vol.1, no.1, pp. 63–77.

Poonam Trivedi, 'Filmi Shakespeare', *Litfilm Quarterly*, vol. 35, issue 2, 2007.

Tony Bennett and Janet Woollacott, 'Figures of Bond', in *Popular Fiction: Technology, Ideology, Production, Reading*, ed. Tony Bennet (London and New York: Routledge, 1990).

Deborah Cartmell and Imelda Whelehan, eds., *The Cambridge Companion to Literature on Screen* (Cambridge: Cambridge University Press, 2007).

John M. Desmond and Peter Hawkes, *Adaptation: Studying Film and Literature* (New York: McGraw-Hill, 2005).

Linda Hutcheon, *A Theory of Adaptation* (New York: Routledge, 2006).

J.G. Boyum, *Double Exposure* (Calcutta: Seagull, 1989).

B. Mcfarlens, *Novel to Film: An Introduction to the Theory of Adaptation* (Clarendon University Press, 1996).

B. A. Part II
(Discipline Specific Core) (DSC-C5)
English (Paper III) (Semester III)
LITERATURE AND CINEMA
(CBCS)
June 2019 Onwards
Pattern of Question Paper

Marks: 50

- Q1. A) Five multiple choice questions with four alternatives (5)
B) Answer the following questions in one word/ phrase/sentence each.
(Q. 1 A and B to be set on Module III and IV) (5)
- Q.2. Answer the following questions in about 250-300 words (10)
(A or B on Module I and II)
- Q.3. Answer the following questions in about 250-300 words (10)
(A or B on Module III and IV)
- Q.4. Write Short Notes in about 100-150 words each (4 out of 6) (20)
(three to be set on Module I, II, and three on Module III, IV)

Suggestions for Q.3 and Q.4:

- A film/book review of the prescribed film/text
- Comparative study of the text and film adaptation based on technique, cinematic liberty, distortion, plot, characterization, language, theme, etc.
- From page to stage difference between the textual aesthetics and film aesthetics
- Questions based on the theory of adaptation
- Structural elements of the text and the film
- Questions based on text and context

B. A. Part II
(Discipline Specific Core) (DSC-C29)
English (Paper V) (Semester IV)
LITERATURE AND CINEMA
(CBCS)

Course Objectives:

- To introduce film and its relationship to literature to the students
- To acquire film literacy through a working knowledge of basic film terminology
- To develop critical approaches to engage with film adaptations
- To establish a clear understanding of literature through film adaptations of literary texts
- To introduce students to the issues and practices of cinematic adaptations

Detailed Syllabi
June 2019 Onwards

Module I

Transformation and Transposition

Module II

Hollywood and 'Bollywood'

Module III

Chetan Bhagat's *Five Point Someone* and its Adaptation *3 Idiots* (dir. Rajkumar Hirani, 2009)

Module IV

Chetan Bhagat's *Five Point Someone* and its Adaptation *3 Idiots* (dir. Rajkumar Hirani, 2009)

Division of Teaching: 4 X 15 Periods = 60 Periods

Prescribed Text:

Bhagat, Chetan, *Five Points Someone*. New Delhi: Rupa & Co. 2004.

Chetan Bhagat's *Five Point Someone* and its Adaptation *3 Idiots* (dir. Rajkumar Hirani, 2009)

Suggested Reading:

Linda Hutcheon, 'On the Art of Adaptation', *Daedalus*, vol. 133, (2004).

Thomas Leitch, 'Adaptation Studies at Crossroads', *Adaptation*, 2008, vol.1, no.1, pp. 63–77.

Poonam Trivedi, 'Filmi Shakespeare', *Litfilm Quarterly*, vol. 35, issue 2, 2007.

Tony Bennett and Janet Woollacott, 'Figures of Bond', in *Popular Fiction: Technology, Ideology, Production, Reading*, ed. Tony Bennet (London and New York: Routledge, 1990).

Deborah Cartmell and Imelda Whelehan, eds., *The Cambridge Companion to Literature on Screen* (Cambridge: Cambridge University Press, 2007).

John M. Desmond and Peter Hawkes, *Adaptation: Studying Film and Literature* (New York: McGraw-Hill, 2005).

Linda Hutcheon, *A Theory of Adaptation* (New York: Routledge, 2006).

J.G. Boyum, *Double Exposure* (Calcutta: Seagull, 1989).

B. Mcfarlens, *Novel to Film: An Introduction to the Theory of Adaptation* (Clarendon University Press, 1996).

Biswas Mun Mun Das, "Depiction of Youth Culture in Chetan Bhagat's *Five Point Someone*"
The Criterion: An International Journal in English, Vo.4, Issue-II, April 2013,
<http://www.the-criterion.com/V4/n2/Mun.pdf>

B. A. Part II
(Discipline Specific Core) (DSC-C29)
English (Paper V) (Semester IV)
LITERATURE AND CINEMA (CBCS)

June 2019 Onwards
Pattern of Question Paper

Marks: 50

- | | |
|--|------|
| Q1. A) Five multiple choice questions with four alternatives | (5) |
| B) Answer the following questions in one word/ phrase/sentence | |
| (Q. 1 A and B to be set on Module III and IV) | (5) |
| Q2. Answer the following questions in about 250-300 words | [10] |
| (A or B on Module I and II) | |
| Q3. Answer the following questions in about 250-300 words | [10] |
| (A or B on Module III and IV) | |
| Q4. Write Short Notes in about 100-150 words each (4 out of 6) | [20] |
| (three to be set on Module I, II, & three on Module III, IV) | |

Suggestions for Q.3 and Q.4:

- A film/book review of the prescribed film/text
- Comparative study of the text and film adaptation based on technique, cinematic liberty, distortion, plot, characterization, language, theme, etc.
- From page to stage difference between the textual aesthetics and film aesthetics
- Questions based on the theory of adaptation
- Structural elements of the text and the film
- Questions based on text and context

B. A. Part II
(Discipline Specific Core) (DSC-C6)
English (Paper IV) (Semester III)
PARTITION LITERATURE (CBCS)

Course Objectives:

- To create an awareness of the partition scenario among the students
- To explain the hidden human dimensions of the partition to the students
- To elaborate on the impact of partition on society

Detailed Syllabi
June 2019 Onwards

Module I

Partition: Causes and Effects

Module II

Communal conflicts and Violence

Module III

Khushwant Singh's *A Train to Pakistan*

Module IV

Khushwant Singh's *A Train to Pakistan*

Division of Teaching: 4 Modules X 15 Periods = 60 Periods

Prescribed Text:

Singh, Khushwant. *A Train to Pakistan*. New Delhi: Ravi Dayal Publishers, 1956.

Suggested Reading:

Ritu Menon and Kamala Bhasin, 'Introduction', in *Borders and Boundaries* (New Delhi: Kali for Women, 1998).

Sukirta P. Kumar, *Narrating Partition* (Delhi: Indialog 2004).

Urvashi Butalia, *The Other Side of Silence: Voices from the Partition of India* (New Delhi: Kali for Women, 2000).

More, D.R. *The Novels on the Indian Partition*, Jaipur, Shruti Publication, 2008.

Sigmund Freud, 'Mourning and Melancholia', in *The Complete Psychological Works of Sigmund Freud*, tr. James Strachey (London: Hogarth Press, 1953) pp.3041-53.

Beniwal, Anup. *Representing Partition: History, Violence and Narration*. Delhi: Shakti Book House. 2005.

Bhalla, Alok. *Partition Dialogues: Memories of a Lost Home*. New Delhi: Oxford University Press. 2006.

Sharma, V.P. "Communalism and its Motifs in three Post Independence Novels: Khushwant Singh's *A Train to Pakistan*, Bhisham Sahni's *Tamas* and Chaman Nahal's *Azadi*," *Recent Indian English Literature*. Ed. S.D. Sharma, Karnal: Natraj Publishing House, 1998. Print.

Shyam. M. Asnani. "The Theme of Partition in the Indo-English Novel." *New Dimensions of Indian English Novel*. New Delhi: Doaba House Publication, 1988.38-50. Print.

B. A. Part II
(Discipline Specific Core) (DSC-C30)
English (Paper VI) (Semester IV)
PARTITION LITERATURE (CBCS)
Detailed Syllabi
June 2019 Onwards

Module I

Impact of Partition on Women

Module II

Home and Exile

Module III

Short Stories:

Toba Tek Singh	- Saadat Hasan Manto
The Final Solution	- Manik Bandopadhyay

Module IV

Short Stories:

Defend Yourself Against Me	- Bapsi Sidhwa
A Leaf in the Storm	- Lalithambika Antharjanam

Division of Teaching: 4 Modules X 15 Periods = 60 Periods

Short Stories Prescribed From:

Saadat Hasan Manto, "Toba Tek Singh", in *Black Margins: Manto*, tr. M. Asaduddin (New Delhi: Katha, 2003) pp. 212–20.

Manik Bandhopadhyaya, 'The Final Solution', tr. Rani Ray, *Mapmaking: Partition Stories from Two Bengals*, ed. Debjani Sengupta (New Delhi: Srishti, 2003) pp. 23–39.

Sidhwa, Bapsi. "Defend Yourself Against Me." in *And the World Changed: Contemporary Stories by Pakistani Women*, ed. M. Shamsie, 27–52. New York: The Feminist Press, 2008.

Lalithambika Antharjanam, "A Leaf in the Storm", tr. K. Narayana Chandran, in *Stories about the Partition of India*. ed. Alok Bhalla (New Delhi: Manohar, 2012) pp. 137–45.

Suggested Reading:

Ritu Menon and Kamala Bhasin, 'Introduction', in *Borders and Boundaries* (New Delhi: Kali for Women, 1998).

Sukirta P. Kumar, *Narrating Partition* (Delhi: Indialog 2004).

Urvashi Butalia, *The Other Side of Silence: Voices from the Partition of India* (New Delhi: Kali for Women, 2000).

More, D.R. *The Novels on the Indian Partition*, Jaipur, Shruti Publication, 2008.

Sigmund Freud, 'Mourning and Melancholia', in *The Complete Psychological Works of Sigmund Freud*, tr. James Strachey (London: Hogarth Press,1953) pp.3041-53.

Beniwal, Anup. *Representing Partition: History, Violence and Narration*. Delhi: Shakti Book House. 2005.

Bhalla, Alok. *Partition Dialogues: Memories of a Lost Home*. New Delhi: Oxford University Press. 2006.

Sharma, V.P. "Communalism and its Motifs in three Post Independence Novels: Khushwant Singh's *A Train to Pakistan*, Bhisham Sahni's *Tamas* and Chaman Nahal's *Azadi*," *Recent Indian English Literature*. Ed. S.D. Sharma, Karnal: Natraj Publishing House, 1998. Print.

Shyam. M. Asnani. "The Theme of Partition in the Indo-English Novel." *New Dimensions of Indian English Novel*. New Delhi: Doaba House Publication, 1988.38-50. Print.

B. A. Part II
(Discipline Specific Core) (DSC-C6 and C30)
Semester III (Paper IV) and Semester IV (Paper IV)
PARTITION LITERATURE
(CBCS)
June 2019 Onwards

Pattern of Question Paper for (Paper IV) and (Paper IV)

- Q.1. A) Multiple Choice Questions with four alternatives. (5)
 B) Answer the following questions in one word/ phrase/sentence each. (5)
 (Q.1 A and B to be set on Module III and IV)
- Q.2.A) Answer the following question in about 250-300words. (10)
 OR
 B) Answer the following question in about 250-300words. (10)
 (A and B to be set on Module I and II)
- Q.3. A) Answer the following question in about 250-300words. (10)
 OR
 B) Answer the following question in about 250-300words. (10)
 (A and B to be set on Module III and IV)
- Q.4 A) Write short notes in about 100-150words each: (4 out of 6) (20)
 (3 to be set on Module I and II and 3 to be set on Module III and IV)

B. A. Part II
(Discipline Specific Core) (DSC-D17)
LINGUISTICS (Paper III) (Semester III)
INTRODUCTION TO MODERN GRAMMAR (CBCS)

Course Objectives:

- To acquaint the students with basic concepts in Linguistics in general
- To acquaint the students with units of language – Words, Phrases, Clauses, and Sentences
- To acquaint the students with the form and function of units of language
- To acquaint the students with basic concepts in Semantics
- To acquaint the students with basic concepts in Socio-linguistics

Detailed Syllabi
June 2019 Onwards

Module I

Orientation:

1. What is Grammar?
2. Prescriptive and Descriptive Grammar

Module II

Word Classes:

1. Open Class Words
2. Closed Class Words

Module III

Phrases:

1. Noun Phrase
2. Prepositional Phrase
3. Adjective Phrase

Module IV

Phrases:

1. Adverb Phrase
2. Genitive Phrase
3. Verb Phrase

Reference Books:

- Kanbarkar R.K. and Kulkarni R. A. *A Grammar of English*. Unique Publisher House, 1978.
- Leech G. N. et.al *English Grammar for Today*. Macmillan, 1973.
- Shastri S.V. & Shaikh M.A. *A Course in English Grammar and Composition*, Kolhapur, Phadake Publications, 1978.
- Thomson and Martinet. *A Practical English Grammar*. Oxford University Press, 1960.

Suggested Reading:

- Balasubramaniam, T. *A Textbook of English Phonetics for Indian Students*. Macmillan, 1981.
- Bolinger, Dwight. *Aspects of Language*. Harcourt Brace Javonovich, New York, 1968
- Quirk Randolph, *A University Grammar of English*. Oxford University Press. 1973.
- Crystal, David. *Linguistics*. Penguin Books, England. 1982
- Hockett, Charles F. *A Course in Modern Linguistics*. New York: Macmillan, 1958
- Rajimwale, Sharad. *Elements of General Linguistics Vol. I, II* Rama Brothers, New Delhi. 2001
- Ullman S. *The Principals of Semantics*. Oxford, Blackwell. 1957
- Yule, George. *Pragmatics*. Oxford OUP. 1996

B. A. Part II
(Discipline Specific Core) (DSC-D17)
LINGUISTICS (Paper III) (Semester III)
INTRODUCTION TO MODERN GRAMMAR (CBCS)
The Pattern of Question Paper
June 2019 Onwards

	Total Marks 50
Q. 1. Five Multiple Choice questions based on all Modules	[5]
Q. 2. Short answer type questions on Module I and II (2 out of 3)	[10]
Q. 3. Short Notes on Module III and IV (3 out of 4)	[15]
Q. 4. Give form and function labels on Module III (5 out of 6)	[10]
Q. 5. Correction of Sentences (based on articles, preposition, adverbs. Concord, number, voice, etc) (10 out of 10)	[10]

B. A. Part II
(Discipline Specific Core) (DSC-D45)
LINGUISTICS (Paper V) (Semester IV)
INTRODUCTION TO MODERN GRAMMAR (CBCS)

Course Objectives:

- To acquaint the students with Clauses
- To acquaint the students with different type of Sentences
- To acquaint the students with basic concepts in Stylistics and Sociolinguistics
- To acquaint the students with Varieties of Language

Detailed Syllabi (June 2019 Onwards)

Module I

Clauses:

1. Finite Clauses
2. Non-finite Clauses
3. Main Clauses

Module II

1. Subordinate Clauses
2. Co-ordination

Module III

Sentences:

1. Statements
2. Interrogative
3. Exclamatory
4. Imperative
5. Negative
6. Affirmative

Module IV

Sentences:

1. Simple
2. Compound
3. Complex
4. Active
5. Passive

Reference Books:

- Kanbarkar R.K. and Kulkarni R. A. *A Grammar of English*. Unique Publisher House, 1978.
- Leech G. N. et.al *English Grammar for Today*. Macmillan, 1973.

Shastri S.V. & Shaikh M.A. *A Course in English Grammar and Composition*, Kolhapur, Phadake Publications, 1978.
 Thomson and Martinet. *A Practical English Grammar*. Oxford University Press, 1960.

Suggested Reading:

Balasubramaniam, T. *A Textbook of English Phonetics for Indian Students*. Macmillan, 1981.
 Bolinger, Dwight. *Aspects of Language*. Harcourt Brace Javonovich, New York, 1968.
 Quirk Randolph, *A University Grammar of English*. Oxford University Press. 1973.
 Crystal, David. *Linguistics*. Penguin Books, England. 1982.
 Hockett, Charles F. *A Course in Modern Linguistics*. New York: Macmillan, 1958.
 Sharad. *Elements of General Linguistics Vol. I, II* Rama Brothers, New Delhi. 2001.
 Ullman S. *The Principals of Semantics*. Oxford, Blackwell. 1957.
 Yule, George. *Pragmatics*. Oxford OUP. 1996.

B. A. Part II
(Discipline Specific Core) (DSC-D45)
LINGUISTICS (Paper V) (Semester IV)
INTRODUCTION TO MODERN GRAMMAR (CBCS)
PATTERN OF QUESTION PAPER
June 2019 Onwards

	Total Marks 50
Q. 1. Five Multiple Choice questions based on all Modules.	[5]
Q. 2. Short answer type question on Module 1 and 2 (2 out of 3)	[10]
Q. 3. Short Note on Module 3 & 4 (3 out of 4)	[15]
Q. 4. Give form and function labels (on Module III) (5 out of 6)	[10]
Q. 5. Correction of Sentences (based on articles, preposition, adverbs, Concord, number, voice etc) (10 out of 10)	[10]

B. A. Part II
(Discipline Specific Core) (DSC-D18)
LINGUISTICS (Paper IV) (Semester III)
PERSPECTIVES ON MODERN LINGUISTICS (CBCS)

Detailed Syllabi
June 2019 Onwards

Module I

Orientation:

1. What is Linguistics?
2. Branches of Linguistics
3. What is Semantics?

Module II

Orientation:

1. What is style?
2. What is stylistics?
3. What is sociolinguistics?

Module III

Linguistics:

1. History of Linguistics?
2. Langue and Parole
3. Language as a System of Sign:
(Sign- Signifier-Signified.)
4. Diachronic and Synchronic Linguistics

Module IV

Semantics:

1. Synonymy
2. Antonymy
3. Polysemy

Reference Books:

Crystal, David. *Linguistics*. Penguin Books, England.1982
Hudson R. A. *Sociolinguistics*. Cambridge, C.U.P. 1980
Leech, G. N. *A Linguistic Guide to English Poetry*. Longman, London.1969
Palmar, F. R. *Semantics*. Cambridge University Press.1996
Rajimwale, Sharad. *Elements of General Linguistics* Vol. I, II Rama Brothers, New Delhi. 2001.

Suggested Reading:

Balasubramaniam, T. *A Textbook of English Phonetics for Indian Students*.

Macmillan. 1981.
Bolinger, Dwight. *Aspects of Language*. Harcourt Brace Javonovich, New York,1968.

Corder, S. Pit. *Introducing Applied Linguistics*. Harmondsworth, Penguin 1973.
Hockett, Charles F. *A Course in Modern Linguistics*. New York: Macmillan, 1958.
Ullman S. *The Principals of Semantics*. Oxford, Blackwell.1957.

B. A. Part II
(Discipline Specific Core) (DSC-D18)
LINGUISTICS (Paper IV) (Semester III)
PERSPECTIVES ON MODERN LINGUISTICS (CBCS)

PATTERN OF QUESTION PAPER
June 2019 Onwards

	Total Marks 50
Q. 1. Five Multiple Choice questions based on all Modules	[5]
Q. 2. Short answer type questions on Module I and II (2 out of 3)	[10]
Q. 3. Short Notes on Module III and IV (2 out of 3)	[10]
Q. 4. Short Answer type questions on Module II and III (5 out of 7)	[10]
Q. 5. Essay type question on Module III and IV (1 out of 2)	[15]

B. A. Part II (Discipline Specific Core) (DSC-D46)
LINGUISTICS (Paper VI) (Semester IV)
PERSPECTIVES ON MODERN LINGUISTICS
(CBCS)

Detailed Syllabi
June 2019 Onwards

Module I

1. Hyponymy
2. Homonymy
3. Collocation

Module II

Stylistics:

1. Ordinary and Literary Language
2. Poetic Devices:
 - a) Sense Devices
Figures of Speech
 - b) Sound Devices:
Rhyme & Rhythm, Alliteration, Onomatopoeia
3. Stylistic Analysis of a Short Poem.

Module III

Sociolinguistics:

- a. Varieties of Language
- b. Dialect: Regional & Social
- c. Standard Language

Module IV

Varieties of Language:

- a. Code-mixing and code-switching
- a. Pidgin and Creole

Reference Books:

1. Crystal, David. *Linguistics*. Penguin Books, England.1982
2. Hudson R. A. *Sociolinguistics*. Cambridge, C.U.P. 1980
3. Leech, G. N. *A Linguistic Guide to English Poetry*. Longman, London.1969
4. Palmer, F. R. *Semantics*. Cambridge University Press.1996
5. Rajimwale, Sharad. *Elements of General Linguistics* Vol. I, II Rama Brothers, New Delhi.2001

Suggested Reading:

1. Balasubramaniam, T. *A Textbook of English Phonetics for Indian Students*. Macmillan, 1981.
2. Bolinger, Dwight. *Aspects of Language*. Harcourt Brace Javonovich, New York,1968

3. Quirk Randolph, *A University Grammar of English*. Oxford University Press. 1973.
4. Crystal, David. *Linguistics*. Penguin Books, England. 1982
5. Hockett, Charles F. *A Course in Modern Linguistics*. New York: Macmillan, 1958
6. Rajimwale, Sharad. *Elements of General Linguistics Vol. I, II* Rama Brothers, New Delhi. 2001
7. Ullman S. *The Principals of Semantics*. Oxford, Blackwell. 1957
8. Yule, George. *Pragmatics*. Oxford OUP. 1996

B. A. Part II (Discipline Specific Core) (DSC-D46)
Linguistics (Paper VI) (Semester IV)
PERSPECTIVES ON MODERN LINGUISTICS
(CBCS)

Pattern of Question Paper
June 2019 Onwards

	Total Marks 50
Q. 1 Five Multiple Choice questions based on all Modules	[5]
Q 2 Short answer type questions on Module 1 & 2 (2 out of 3)	[10]
Q 3 Short Note on Module 3 & 4 (2 out of 3)	[10]
Q 4 Short Answer type questions on Module 2 to 3 (5 out of 7)	[10]
Q. 5 Essay type question on Unit- 3 to 4 (1 out of 2)	[15]



SHIVAJI UNIVERSITY, KOLHAPUR-416 004. MAHARASHTRA

PHONE : EPABX-2609000 website- www.unishivaji.ac.in

FAX 0091-0231-2691533 & 0091-0231-2692333 – BOS - 2609094

शिवाजी विद्यापीठ, कोल्हापूर – 416004.

दुरध्वनी (ईपीएवीएक्स) २६०९००० (अभ्यास मंडळे विभाग— २६०९०९४)

फॅक्स : ००९१-०२३१-२६९१५३३ व २६९२३३३. e-mail: bos@unishivaji.ac.in

Ref../SU/BOS/Com & Mgmt./ 6032

Date : 17/06/2019

To,

The Principal
All Affiliated (Commerce & Management) College/Institutions,
Shivaji University, Kolhapur

**Subject : Regarding syllabi and equivalence of B. Com. Part-II (Sem. III & IV)
Choice Based Credit System (CBCS) degree programme under the
Faculty of Commerce & Management.**

Sir/Madam,

With reference to the subject mentioned above, I am directed to inform you that the University authorities have accepted and granted approval to the revised syllabi and equivalence of B. Com. Part-II (Sem. III & IV) Choice Based Credit System (CBCS) under the Faculty of Commerce & Management.

This syllabi and equivalence shall be implemented from the academic year 2019-2020 (i.e. from June, 2019) onwards. A soft copy containing the syllabus is attached herewith and it is also available on university website www.unishivaji.ac.in (Online Syllabus).

The question papers on the pre-revised syllabi of above mentioned course will be set for the examinations to be held in October / November 2019 & March / April, 2020. These chances are available for repeater students, if any.

For Students of Distance Education this syllabi shall be implemented from the academic year 2020-2021 (i.e. from June, 2020) onwards

You are therefore, requested to bring this to the notice of all Students and Teachers concerned.

Thanking you,

Yours faithfully,

Dr. Registrar

Encl : As above

Copy to,

- | | | |
|---|---|---------------------------------------|
| 1. I/c Dean, Faculty of Commerce & Management | } | for information |
| 2. Chairman, BOS under Faculty of Commerce & Management | | |
| 3. Director, BOEE | } | for information and necessary action. |
| 4. Appointment Section | | |
| 5. P. G. Admission Section | | |
| 6. B. Com. Section | | |
| 7. Affiliation Section (U.G./P.G.) | | |
| 8. Computer Center/I.T. | | |
| 9. Eligibility Section | | |
| 10. Distance Education | | |
| 11. P.G. Seminar Section | | |

SHIVAJI UNIVERSITY, KOLHAPUR



Estd. 1962

NAAC 'A' Grade

Faculty of Commerce & Management

Syllabus For

Bachelor of Commerce

B. Com. Part II

(Sem III & IV)

To be implemented from June 2019 onwards.

(Subject to the modifications that will be made from time to time)

Shivaji University, Kolhapur
B.Com (CBCS) Part-II (Semester-III)
Corporate Accounting Paper - I
Core Course
Introduced from June-2019-20

4 Credits

Course Outcomes:

1. Explain the accounting entries of issue and forfeiture of shares and re-issue of forfeited shares, discuss accounting treatment for redemption of preference shares and buyback of shares.
2. Demonstrate accounting for issue of debentures and redemption of debentures.
3. Simulate practice of preparing financial statements as per the provisions of Indian Companies Act 2013.
4. Practice the fundamental accounting process on Tally ERP.

Syllabus Contents

Unit I: Issue and forfeiture of shares, Re-issue of forfeited shares, Redemption of preference shares and Buyback of shares. (15 Periods)

Unit II: Issue and Redemption of Debentures (10 Periods)

Unit III: Preparation of Final Accounts of Companies. (15 Periods)

Unit IV: Practical of Fundamental Computerised Accounting (20 Periods)

- a) Introduction to Tally ERP.9, Technological Advantages, Getting Functional with Tally ERP.9, Tally ERP.9 Start-up, Mouse/Keyboard Conventions, Switching between Screen Areas, Quitting Tally ERP.9, Setting up of Company in Tally ERP.9,
- b) Create a Company- Select a Company, Alter a Company, Shut a Company, Creating Accounting Masters in Tally ERP.9, Chart of Accounts,
- c) Pre-defined Groups of Accounts, Groups- Creating Single Group, Creating Multiple Group, Displaying Group, Altering Group,
- d) Ledgers, Creating Single Ledger, Creating Multiple Ledger, Displaying Ledger, Altering Ledger, Voucher Entry in Tally ERP.9,
- e) Accounting Vouchers- Contra Voucher (F4), Payment Voucher (F5), Receipt Voucher (F6), Journal Voucher (F7), Purchase (F9), Sales (F8), Debit Note (Ctrl + F9), Credit Note (Ctrl + F8),
- f) Financial Statements- Balance Sheet, Profit & Loss A/c., Trial Balance,
- g) Accounting Books and Registers- Cash Book, Bank Book, Purchase Register, Sales Register, Journal Register, Debit Note Register, Credit Note Register and Day Book.

Notes:

- 1) College should make a provision of necessary computers and accounting software for commerce department to train the students in Computerised Accounting as prescribed in the syllabus.
- 2) A visit should be arranged for increasing awareness of students regarding Corporate Accounting either in any Company Office or the Office of any Chartered Accountant/ Professional Accountant.

Reference Books:-

- 1) Gupta, S. C.; Gupta, M. P.; Shukla, M. C.; Agrawal, B. M. and Grewal, T. S. (2019). Advanced Corporate Accounting, New Delhi: S. Chand & Company.
- 2) Shukla, M. C.; Grewal, T. S. and Gupta, S. C.; (2016). Advanced Accounts, New Delhi: S. Chand & Company.
- 3) Arulnandan, M. A. and Raman, K. S. (2018). Advanced Accountancy (Corporate Accounting) Vol. II, Mumbai: Himalaya Publishing House.
- 4) Gupta, R. L. and Radhaswamy, M. (2018). Advanced Accountancy Vol. II, New Delhi: Sultan Chand and Sons.
- 5) Maheshwari, S. N.; Maheshwari, Suneel and Maheshwari, Sharad K. (2018). Corporate Accounting. New Delhi: Vikas Publication House.
- 6) Shukla M. C. ; Grewal T.S. and Gupta S.C. - Advanced Accounts, New Delhi: S.Chand and Co.
- 7) Jain, S. P.; Narang, K. L.; Agrawal, Simmi and Sehgal, Monik (2018). Advanced Accountancy (Corporate Accounting) Vol. II, New Delhi: Kalyani Publishers.
- 8) Hanif, M. and Mukharjee, A (2018). Modern Accountancy Vol. II, Noida: McGraw Hill Education India (Private) Ltd.
- 9) Chakraborty, Hrishikesh, Advanced Accountancy, Oxford University Press
- 10) Chougule, Rajan (2011). Computerized Accounting, Kolhapur.
- 11) Tulsian, P. C. and Tulsian, Bharat (2015). Corporate Accounting, New Delhi: S. Chand Publishing.

Shivaji University, Kolhapur
B.Com. (CBCS) Part-II (Semester-IV)
Corporate Accounting Paper - II
Core Course
Introduced from June-2019-20

4 Credits

Course Outcomes:

1. Explain the accounting entries of profit/loss prior to incorporation.
2. Compute the value of shares as per distinct methods and differentiate between them.
3. Simulate practice of accounting for liquidation of companies.
4. Practice the store accounting through Tally ERP.

Unit -I: Profit /Loss Prior to Incorporation. (15 Periods)

Unit-II: Valuation of shares: Intrinsic value method, Market value Method (Capitalization of profit and dividend basis) Fair value. **(10 Periods)**

Unit-III: Accounting for Liquidation of companies- Process of Liquidation under Insolvency and Bankruptcy Code, Preparation of Liquidator's Final Statement of Account. **(15 Periods)**

Unit-IV: Store Accounting with Practical using Tally. (20 Periods)

Theory:

- a) Basic Concepts of Store Accounting- Importance of Material Management and Inventory Control, Objectives of Inventory Control System, Functions and Duties of Store-keeper,
- b) Key Terms- Stock items, Category of item, Item Name, Unit of Measurement- Purchase Rate per Unit, Current Stock Quantity, Current Valuation Rate, Opening Stock Quantity, Opening Valuation Rate, Purchase Returns, Sales Returns
- c) Stock Valuation Methods- Source document, Types of Source documents, Purchase Invoice, Goods Received Note, Sales Invoice, Delivery Challan
- d) Tally Reports of Store Accounting- Bill-wise List of Stock Items, Stock Statement, Material Receipts/ Purchases Register, Material Issues/ Sales Register, Material Return Report, Slow Moving Items Report, Fast Moving Items Report.

Practical:

- a) Creating Inventory Masters in Tally.ERP 9, Stock Groups- Creating Single Stock Group, Creating Multiple Stock Group, Displaying Stock Group, Altering Stock Group,
- b) Units of Measure- Simple Units, Creating Simple Units, Displaying Units of Measure, Deleting Units of Measure
- c) Stock Items- Creating Single Stock Items, Creating Multiple Stock Items, Displaying Stock Items, Altering Stock Items,
- d) Voucher Entry in Tally.ERP 9- Purchase Voucher (F9), Sales Voucher (F8), Credit Note Voucher (Ctrl + F8), Debit Note Voucher (Ctrl + F9)
- e) Financial Statements- Balance Sheet, Profit & Loss A/c., Trial Balance,

- f) Accounting Books & Registers- Cash Book, Bank Book, Purchase Register, Sales Register, Journal Register, Debit Note Register, Credit Note Register, Day Book, Statistics,
- g) Inventory Books & Reports- Stock Summary, Stock Item Summary, Stock Group Summary, Exception Reports- Negative Stock, Negative Summary.

Notes:

- 1) College should make a provision of necessary computers and accounting software for commerce department to train the students in Computerised Accounting as prescribed in the syllabus.
- 2) A visit should be arranged for increasing awareness of students regarding Corporate Accounting either in any Company Office or the Office of any Chartered Accountant/ Professional Accountant.

Reference Books:-

- 12) Gupta, S. C.; Gupta, M. P.; Shukla, M. C.; Agrawal, B. M. and Grewal, T. S. (2019). Advanced Corporate Accounting, New Delhi: S. Chand & Company.
- 13) Shukla, M. C.; Grewal, T. S. and Gupta, S. C.; (2016). Advanced Accounts, New Delhi: S. Chand & Company.
- 14) Arulnandan, M. A. and Raman, K. S. (2018). Advanced Accountancy (Corporate Accounting) Vol. II, Mumbai: Himalaya Publishing House.
- 15) Gupta, R. L. and Radhaswamy, M. (2018). Advanced Accountancy Vol. II, New Delhi: Sultan Chand and Sons.
- 16) Maheshwari, S. N.; Maheshwari, Suneel and Maheshwari, Sharad K. (2018). Corporate Accounting. New Delhi: Vikas Publication House.
- 17) Shukla M. C. ; Grewal T.S. and Gupta S.C. - Advanced Accounts, New Delhi: S.Chand and Co.
- 18) Jain, S. P.; Narang, K. L.; Agrawal, Simmi and Sehgal, Monik (2018). Advanced Accountancy (Corporate Accounting) Vol. II, New Delhi: Kalyani Publishers.
- 19) Hanif, M. and Mukharjee, A (2018). Modern Accountancy Vol. II, Noida: McGraw Hill Education India (Private) Ltd.
- 20) Chakraborty, Hrishikesh, Advanced Accountancy, Oxford University Press
- 21) Chougule, Rajan (2011). Computerized Accounting, Kolhapur.
- 22) Tulsian, P. C. and Tulsian, Bharat (2015). Corporate Accounting, New Delhi: S. Chand Publishing.

Nature of Question Paper
B.Com. Part-II
Under CBCS
Subject: Corporate Accounting Paper-I (Semester-III)
Core Course
(Introduced from June-2019-20)

Instructions:- 1- All questions are compulsory.
 2-Figures to the right indicate marks.

Total Marks- 40

Q.No.1 Short Answer Questions:

- | | |
|---|---------|
| a) Question on Theory of Unit-1 Or Question on Theory of Unit-1 | 5 marks |
| b) Question on Problem of Unit-1 Or Question on Problem of Unit-1 | 5 marks |

Q.No.2 Short Answer Questions:

- | | |
|---|---------|
| a) Question on Theory of Unit-2 Or Question on Theory of Unit-2 | 5 marks |
| b) Question on Problem of Unit-2 Or Question on Problem of Unit-2 | 5 marks |

Q.No.3 Questions:

- | | |
|---|----------|
| a) Question on Theory of Unit-3 Or Question on Theory of Unit-3 | 5 marks |
| b) Question on Problem of Unit-3 Or Question on Problem of Unit-3 | 10 marks |

Q.No.4 Short Answer Questions:

- | | |
|---|---------|
| a) Question on Theory of Unit-4 Or Question on Theory of Unit-4 | 5 marks |
|---|---------|

Notes:

- 1) Practical examination for 10 marks will be conducted on Unit-IV of Paper-I.
- 2) External examiner will be appointed by the university to conduct this practical examination.
- 3) There will be 40 marks for University Written examination and 10 marks for practical examination. Thus Total marks will be 50.

Nature of Question Paper
B.Com. Part-II
Under CBCS
Subject: Corporate Accounting Paper-II (Semester-IV)
Core Course
(Introduced from June-2019-20)

Instructions:- 1- All questions are compulsory.
 2-Figures to the right indicate marks.

Total Marks- 40

Q.No.1 Short Answer Questions:

- | | |
|---|---------|
| c) Question on Theory of Unit-1 Or Question on Theory of Unit-1 | 5 marks |
| d) Question on Problem of Unit-1 Or Question on Problem of Unit-1 | 5 marks |

Q.No.2 Short Answer Questions:

- | | |
|---|---------|
| c) Question on Theory of Unit-2 Or Question on Theory of Unit-2 | 5 marks |
| d) Question on Problem of Unit-2 Or Question on Problem of Unit-2 | 5 marks |

Q.No.3 Questions:

- | | |
|---|---------|
| c) Question on Theory of Unit-3 Or Question on Theory of Unit-3 | 5 marks |
|---|---------|

d) Question on Problem of Unit-3 Or Question on Problem of Unit-3 10 marks

Q.No.4 Short Answer Questions:

b) Question on Theory of Unit-4 Or Question on Theory of Unit-4 5 marks

Notes:

- 1) Practical examination for 10 marks will be conducted on Unit-IV of Paper-I.
- 2) External examiner will be appointed by the university to conduct this practical examination.
- 3) There will be 40 marks for University Written examination and 10 marks for practical examination. Thus Total marks will be 50.

Shivaji University, Kolhapur
B.Com (CBCS Pattern)
Part-II (Semester-III)
Fundamentals of Entrepreneurship- Paper-I
Generic Elective Course
Introduced from June-2019-20

Credits-4

Objectives-

1. To impart theoretical knowledge of Entrepreneurship
2. To develop Entrepreneurship qualities and skills
3. To acquaint students with Steps involved in the formation of Small Enterprises
4. To enlighten students with Recent Trends and Concepts in Entrepreneurship

Unit-I	Entrepreneur:- Evolution, Meaning and Definition, Functions, Qualities of successful entrepreneur, Types of Entrepreneur, Obstacles to become an Entrepreneur, Challenges before existing entrepreneur in modern era.	15 Hours
Unit-II	Entrepreneurship and Entrepreneurship Development: Concept, Definitions, Importance, Theories- Joseph Schumpeter's Theory of Innovation, Hagen's theory of Status Withdrawal, David McClelland's Need for Achievement theory, Knight's Risk Taking theory, Entrepreneurship Development- Concept and Process. Introduction, Functions and Performance of – EDI, MCED And DIC	15 Hours
Unit-III	Micro, Small and Medium Enterprises(MSME): Definition, Importance, Problems of MSME and Remedies, Government Policy and Support, Steps involved in the formation of Small Enterprises- Location, Clearances, Permits required, Formalities, Licensing and Registration Procedure.	15 Hours
Unit-IV	Recent Trends and Concepts in Entrepreneurship: Recent Trends- Start up, Stand up, Skill India, Make in India, Incubation Centre- Concept and Importance. Concepts- Sociopreneur, Edupreneur, Ecopreneur, Netpreneur, Intrapreneur(Only concept and Characteristics)	15 Hours

Shivaji University, Kolhapur
B.Com (CBCS Pattern)
Part-II (Semester-IV)
Fundamentals of Entrepreneurship- Paper-II
Generic Elective Course
Introduced from June-2019-20

Credits-4

Objectives-

1. To acquaint students with family business in India
2. To impart conceptual knowledge of Service and Agro Entrepreneurship
3. To aware students about Business Plan and Project Report
4. To inspire the students through successful stories of Entrepreneurs

Unit-I	Family Business: Meaning, Types, Advantages and Disadvantages of Family Business, Challenges before family business in India, Business Succession Planning, Making family business more effective.	15 Hours
Unit-II	Service and Agro Entrepreneurship: A) Service Entrepreneurship- Meaning and Concept, Role of Service sector in National Economy, Opportunities in Service sector. B) Agro Entrepreneurship- Meaning and Concept, Importance, Entrepreneurial Opportunities in Agro Sector, Challenges before Agro Entrepreneurship	15 Hours
Unit-III	Business Plan and Project Report: Meaning and Concept of Business Plan, Key elements of business plan. Meaning, Concept and classification of project. Project for Retail store, Beauty parlor, Oil Mill, Cold Storage, Eco friendly Bag production- Reasons for failure of project.	15 Hours
Unit-IV	Women Entrepreneurship and Successful Entrepreneurs Women Entrepreneur- Concept and causes of limited growth of women entrepreneurs in India. Successful Entrepreneurs- Male- Jeff Bezos(Amazon), Hanmantrao Gaikwad (BVG), Chitale Brothers (Chitale Dairy), Ramdas Mane (Mane Group of Industries) Female- Aditi Gupta (Whisper Girl), Chetana Gala-Sinha (Manadeshi Foundation), Vandana Luthra (VLCC),	15 Hours

Note – Industrial visit/ visit to EDP Institute is suggested to acquaint students about entrepreneurial knowledge.

A talk or interaction with entrepreneurial should be arranged.

B.Com.II
Semester III and IV (CBCS Pattern)
Fundamentals of Entrepreneurship Paper I & II
Nature of Question Paper

Instructions:**Total Marks: 50**

1. All questions carry equal marks
2. Attempt any five questions out of seven

Q.1	Write short answers (Any two out of Three)	10 Marks
Q.2	Broad Question	10 Marks
Q.3	Broad Question	10 Marks
Q.4	Broad Question	10 Marks
Q.5	Broad Question	10 Marks
Q.6	Broad Question	10 Marks
Q.7	Write Short Notes (Any two out of Three)	10 Marks

Equivalence

Sr.No.	Old Name	New Name
1	Fundamentals of Entrepreneurship Paper - I	Fundamentals of Entrepreneurship Paper - I
2	Fundamentals of Entrepreneurship Paper - II	Fundamentals of Entrepreneurship Paper - II

Reference Books:

1. Dynamics of Entrepreneurial Development and Management- by Vasant Desai
2. Udyojakata- by Prabhakar Deshmukh
3. Entrepreneurship Development in India- by C.B. Gupta and N.P. Shrinivasan
4. Entrepreneurship and Small Business Management- by Shukla M.B.
5. Entrepreneurial Development- by Dr. S.S. Khanka
6. Entrepreneurial Development- by Godron E. and Natrajan K.
7. Entrepreneurial Development- by Taneja Satish and Gupta S.L.
8. Current Trends in Entrepreneurship - by Mohan S. Elangovan R.
9. Project Preparation Appraisal, Implementation- by Prasanna Chandra
10. Formulation of a Project Report- by Vinod Gupta

Shivaji University, Kolhapur

Syllabus of B.Com

(Semester-III & IV)

Syllabus to be Introduced from June 2019

Money and Financial System

CHOICE-BASED CREDIT SYSTEM

B.Com SEM III

Money and Financial System (Paper No – 1)

Course Outcomes:

1. Learners will be able to explain functions of money and measurement of money supply
2. Learners will understand the banking system and its functioning in India
3. Learners will understand the nature of banking business and business practices
4. Learners will understand the important recent trends in banking system

Expected Skills Impartation (Through theory and Practical's)

1. Ability to explain monetary system in India
2. Ability to critical thinking on banking business
3. Ability to explain recent trends in Indian Banking

Marks : 50

Total Lectures of Teaching : 60

Credits : 4

Unit-1:	Introduction to Money 1.1 Evolution, Meaning and Functions of Money 1.2 Meaning and Features of Blockchain Technology and Digital Currency 1.3 Approaches to the Money supply, RBI's Measures 1.4 Constituents and Factors affecting on Money Supply	13 Lectures
Unit-2:	Introduction to Banking 2.1. Meaning, Evolution and Functions of Commercial Banks 2.2. Types and features of banks - Commercial, Cooperative, Public and Private, Foreign, Payment Banks, Small Finance Banks, Local Area Banks etc 2.3. Principles of Banking Business and its importance 2.4. Process of Credit Creation and Its limitations	15 Lectures
Unit-3:	Banking Business and Practices 3.1. Meaning, Types and Features of Deposits Products of Banks 3.2. Meaning, Types and Features of Loan Products of Banks 3.3. Sources of Funds and Income for Banks 3.4. Changing Nature of Banking Business	17 Lectures
Unit-4:	New Trends and Recent Issues in Indian Banking 4.1 Micro Finance Institutions- Evolution, Functions and Importance 4.2 Types, Advantages and Disadvantages of Bank Mergers 4.3 Licensing and functioning of Payment Banks Small Finance Banks 4.4 Meaning, Causes and Remedies for NPA, Prompt Correctives Action	15 Lectures

Note: Bank visits and case studies on banking business should be conducted

Suggested Additional Readings:

1. Bhole L.M. (2009), Financial Institutions and Market, Tata McGraw Hill, New Delhi
2. Bhasin Nitin (2010), Financial Institutions and Financial Markets in India :Functioning and Reforms. New Century Publications, New Delhi
3. Berg Braam van den (2015), Understanding Financial Markets & Instruments, Academy of Financial Market, <https://eagletraders.com/books/afm/afm4.php>
4. Cade, Eddie (1998) Managing Banking Risks, Woodhead Publishing Ltd., in association with The Chartered Institute of Bankers, England.
5. Joshi Vasant C. and Joshi Vinay V (1998), Managing Indian Banks: The Challenges Ahead, Response Books, New Delhi.

EQUIVALENCE OF THE PAPERS

Sr	Existing title of the Paper	Revised Title of the paper
1	Money and Financial System (Paper - I)	Money and Financial System (Paper - I)

Nature of question paper for semester III and IV (Paper No. I & II)

Attempt any five questions.

Total marks 50

Q1. Write short answers (any two out of three)	10
Q2. Broad question	10
Q3. Broad question	10
Q4. Broad question	10
Q5. Broad question	10
Q6. Broad question	10
Q7. Write short notes (any two out of three)	10

Shivaji University, Kolhapur

Syllabus of B.Com

(Semester-III & IV)

Syllabus to be Introduced from June 2019

Money and Financial System

CHOICE-BASED CREDIT SYSTEM

B.Com SEM IV

Money and Financial System (Paper No – 2)

Course Outcomes:

1. Students will be able to use e-banking services
2. Students will be able explain working of RBI in India
3. Students will be able to provide consultancy and guidance for investment in financial markets
4. Students will be able to explain the business practices of NBFCs and AIFI

Expected Skills Impartation (Through theory and Practical's)

1. Use of E-banking services
2. Able to provide Financial consultancy
3. Critical thinking about NBFCs and their effects

Marks : 50

Total Lectures of Teaching :

Credits : 4

60

Unit-1:	E-Banking Services 1.1 Meaning and features of E-Banking, Various Internet Banking Services 1.2 Credit and Debit Card : Features, importance & precautions 1.3 NEFT, RTGS, IMPS & Cheque Truncation System 1.4 Mobile Banking - Features, different Mobile Apps and Importance	17 Lectures
Unit-2:	Reserve Bank of India 2.1 Organizational Structure and Functions of RBI 2.2 Meaning and Objectives Monetary Policy 2.3 Instruments of Monetary Policy 2.4 Monetary Policy Committee; Issue of RBI's Autonomy & Section-7 of RBI Act 1934	12 Lectures
Unit-3:	Financial Markets 3.1 Structure and Importance of Financial System 3.2 Features and structure of Money Market in India, Role of RBI 3.3 Features and structure of Capital Market in India, Role of SEBI 3.4 Reforms in Indian Money Market and Capital Market	17 Lectures
Unit-4:	All India Financial Institutes and NBFCs 4.1 Administrative Structure, Functions and Role of NABARD and SIDBI 4.2 Administrative Structure, Functions and Role of NHB and EXIM Bank 4.3 Meaning, Features, Types and Growth of NBFCs 4.4 Mutual Fund - Meaning, Types and Importance	15 Lectures

Note: Visits to financial institutes and financial consultancy firms should be conducted

Suggested Additional Readings:

1. Bhole L.M. (2009), Financial Institutions and Market, Tata McGraw Hill, New Delhi
2. Bhasin Nitin(2010), Financial Institutions and Financial Markets in India :Functioning and Reforms. New Century Publications, New Delhi
3. Berg Braam van den (2015), Understanding Financial Markets & Instruments, Academy of Financial Market, <https://eagletraders.com/books/afm/afm4.php>
4. Cade, Eddie (1998) Managing Banking Risks, Woodhead Publishing Ltd., in association with The Chartered Institute of Bankers, England.
5. Gupta, L.C (1997), Stock Exchange Trading in India; Society for Capital Market Research and Development
6. Sethi Jyotsna and Bhatia Nishwan (2003), Elements of Banking and Insurance, Prentice Hall of

- India, New Delhi
7. National Stock Exchange (2015), Securities Market (Basic) Module, NCFM, National Stock Exchange of India Limited
 8. Joshi Vasant C. and Joshi Vinay V (1998), Managing Indian Banks: The Challenges Ahead, Response Books, New Delhi.

EQUIVALENCE OF THE PAPERS

Sr	Existing title of the Paper	Revised Title of the paper
1	Money and Financial System (Paper - II)	Money and Financial System (Paper - II)

SHIVAJI UNIVERSITY, KOLHAPUR
Syllabus B.COM.
SEMESTER - III
MACRO ECONOMICS – PAPER- I
(CHOICE BASED CREDIT SYSTEM – (CBCS)
Credits : 4
Introduced from June 2019

COURSE OUTCOMES:

Student will be able to explain...

- 1 The macro variables and components of macro economics
- 2 The relevance of national income concepts and its applications in economic policy making.
- 3 Changing value of money and its impacts on economy.
- 4 The output and employment generation process through investment and consumption.

UNIT -1	Introduction to Macro Economics 1.1 Meaning, Nature and Scope 1.2 Significance of Macro Economics 1.3 Limitations of Macro Economics 1.4 Macro Economic Variables	15
UNIT -2	National Income 2.1 Meaning and concepts- GDP, GNP, NNP, Personal and Disposable income, Per capita Income, National income at current and constant prices. 2.2 Methods of computing National Income- Product, Income and Expenditure methods 2.3 Difficulties in computing National Income 2.4 Applications of National Income Data	15
UNIT -3	Value of Money 3.1 Concept of Value of Money 3.2 Quantity Theory of Money-, Transaction Approach, Cash Balance Approach 3.3 Inflation-Causes of Inflation, Inflation and interest rates, Social cost of Inflation, Remedies to control of inflation. 3.4 Index Number – Meaning, Construction of Simple and Weighted Index Numbers.	15
UNIT -4	Output and Employment 4.1 J.B. Say's Law of Market 4.2 Keynesian Theory of Employment 4.3 Consumption Function - Concept and Types, Factors influencing consumption function 4.4 Investment Function- Marginal Efficiency of Capital, Investment Multiplier	15

References –

1. Agarwal H.S. (2013), Principles of Economics, Global Professional Publishing
2. Ahuja H.L.(2010), Macro Economics Theory and Policy, S. Chand and Company.
3. Branson William H. (1997), Macro Economics Theory and Policy, Harper Collins India Pvt.Ltd.
4. Crowther Geoffrey (1940), An Outline of Money, Thomas Nelson and sons Ltd. London
5. Duesenberry James, S. Business Cycles and national Income, George Allen and Union London
6. Derburg and McDougal (1976), Macro Economics, McGraw Hill Education, New York
7. Dewett K.K., (2006), Modern Economic Theory, S. Chand and Company.
8. Gupta G.S.(2008), Macro Economics: Theory and Applications, Tata McGraw Hill Education
9. Gupta S.B.(2010), Monetary Economics, S. Chand and Company.
10. Hanson J.L. An Outline of Monetary Theory, McDonalds and Evans Ltd. London
11. Haberler Gottfried (1968) Theory of International Trade, William Hodge and Company
12. Hanson Alvin H. (1949), Monetary Theory and Policy, McGraw Hill Publication
13. Hanson J.L.(1970), Monetary Theory and Practice, McDonalds and Evans Ltd. London
14. Hicks U.K.(1968), Public Finance, James Nisbet and Comp. London
15. Lindauer John (2012) Macro Economics, 4th Ed iUniverse Inc. Bloomington USA
16. Jhinghan M.L. Macro Economic Theory, Vinda Publication Pvt.Ltd. New Delhi
17. Lekhi R.K. Public, (2015) Finance, Kalayani Publishers New Delhi
18. Mithani D.M. (2012), Money Banking International Trade and Public Finance, Himalaya Publishing House
19. Musgrave Richard, (2004), Public Finance, McGraw Hill Publication
20. Shapiro Edward (2013), Macro Economic Analysis, Galgotia Publication
21. Samuelsson Paul A. Nordhaus W.D.(2010), Macro Economics, McGraw Hill Publication
22. Schumpeter J.A.(1939), Business Cycles, McGraw Hill Publication
23. Seth M.L. (2017), Macro Economics, Laxminarayan Agarwal Publication
24. Singh S.B. Macro Economics, Vishvabharti Publication New Delhi
25. Taygi B.P. Singh H.P.(2016), Public Finance, Jayprakash Nath Co.
26. Vaish M.C.(2009). Monetary Policy. Vikas Publishing House New Delhi

Equivalence of the paper

Title of Old Paper	Title of New Paper
Business Economics Paper III	Macro Economics Paper I

SHIVAJI UNIVERSITY, KOLHAPUR
Syllabus
B.COM.
SEMESTER - IV
MACRO ECONOMICS – PAPER- II
(CHOICE BASED CREDIT SYSTEM – (CBCS)
Credits : 4
Introduced from June 2019

COURSE OUTCOMES:

Student will be able to explain...

1. The trade cyclical phenomenon in the economy and they will be able to take practical decisions at their business level in future.
2. Public finance system of state and its impact on economy and citizens of the nation.
3. The trade and business practices through international trade theories and other relevant concepts.
4. The international monetary exchange system and determination of rate exchange.

UNIT -1	Trade Cycles 1.1 Meaning Features and Types 1.2 Phases of Trade Cycles 1.3 Theories of Trade Cycles – Hawtrey and Schumpeter 1.4 Control of Trade Cycles	15
UNIT -2	Public Finance 2.1 Meaning, Nature and Scope, The Principle of Maximum Social Advantage 2.2 Public Revenue- Meaning, Tax Revenue-Direct and Indirect Taxes - Merits and Demerits, Concept of Goods and Service Tax (GST), Non-Tax Revenue Sources 2.3 Public Expenditure- Causes of growth and effects 2.4 Public Debt – Forms and Effects, Deficit Financing- Objectives and limitations.	15
UNIT -3	International Trade 3.1 Concept of Trade, Internal and International Trade 3.2 Advantage and Disadvantage of International Trade, Ricardian Theory of International Trade, Terms of Trade – Meaning, Types and its influencing factors. 3.3 Balance of Payments – Causes of disequilibrium, Measures to correct disequilibrium. 3.4 Concepts of Free Trade and Protective Trade	15
UNIT 4	Rate of Exchange 4.1 Concept of Rate of Exchange 4.2 Types – Fixed, Flexible, Spot and Future rate of exchange 4.3 Purchasing Power Parity Theory	15

	4..4 Modern Theory of rate of exchange	
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References –

1. Agarwal H.S. (2013), Principles of Economics, Global Professional Publishing
2. Ahuja H.L.(2010), Macro Economics Theory and Policy, S. Chand and Company.
3. Branson William H. (1997), Macro Economics Theory and Policy, harper Collins India Pvt.Ltd.
4. Crowther Geoffrey (1940), An Outline of Money, Thomas Nelson and sons Ltd. London
5. Duesenberry James, S. Business Cycles and national Income, Georg Allen and Union London
6. Derburg and McDougal (1976), Macro Economics, McGraw Hill Education, New York
7. Dewtt K.K., (2006), Modern Economic Theory, S. Chand and Company.
8. Gupta G.S. (2008), Macro Economics: Theory and Applications, tata McGraw Hill Education
9. Gupta S.B. (2010), Monetary Economics, S. Chand and Company.
10. Hanson J.L. An Outline of Monetary Theory, McDonalds and Evans Ltd. London
11. Haberler Gottfried (1968) Theory of International Trade, William Hodge and Company
12. Hanson Alvin H. (1949), Monetary Theory and Policy, McGraw Hill Publication
13. Hanson J.L. (1970), Monetary Theory and Practice, McDonalds and Evans Ltd. London
14. Hicks U.K. (1968), Public Finance, James Nisbet and Comp. London
15. Lindauer John (2012) Macro Economics, 4th Ed iUnivers Inc. Bloomington USA
16. Jingham M.L. Macro Economic Theory, Vinda Publication Pvt.Ltd. New Delhi
17. Lekhi R.K. Public, (2015) Finance, Kalayani Publishers New Delhi
18. Mithani D.M. (2012), Money Banking International Trade and Public Finance, Himalaya Publishing House
19. Musgrave Richard, (2004), Public Finance, McGraw Hill Publication
20. Shapiro Edward (2013), Macro Economic Analysis, Galgotia Publication
21. Samuelsson Paul A. Nordhaus W.D. (2010), Macro Economics, McGraw Hill Publication
22. Schumpeter J.A. (1939), Business Cycles, McGraw Hill Publication
23. Seth M.L. (2017), Macro Economics, Laxminarayan Agarwal Publication
24. Singh S.B. Macro Economics, Vishvbharti Publication New Delhi
25. Taygi B.P. Singh H.P. (2016), Public Finance, Jayprakash Nath Co.
26. Vaish M.C. (2009). Monetary Policy. Vikas Publishing House New Delhi

Equivalence of the papers

Title of Old Paper	Title of New Paper
Business Economics Paper IV	Macro Economics Paper II

Nature of Question Paper for paper III and IV**Total Marks: 50****Attempt any five questions out of seven**

- | | |
|--|----|
| Q.1 Write short answers (Any two out of three) | 10 |
| Q.2 Broad question | 10 |

Q.3 Broad question	10
Q.4 Broad question	10
Q.5 Broad question	10
Q.6 Broad question	10
Q.7 Write short notes (Any two out of three)	10

B.COM. PART II
ABILITY ENHANCEMENT COMPULSORY COURSE (AECC)
(CBCS)

ENGLISH FOR BUSINESS COMMUNICATION
(Compulsory English)
June 2019 Onwards

Course Objectives:

- To enable the students to develop communication skills in English, both oral and written.
- To equip the students with the language skills for use in their personal, academic and professional lives.
- To develop the students essential employability skills.
- To help the students to enter the job market with confidence and the ability to work effectively.
- To help the students to learn and practice both language and soft skills.
- To encourage the active involvement of students in learning process.
- To enable the students to cultivate a broad, human and cultured outlook.

CONTENTS

Semester III (Paper C)

Module I

- A) Oral Skills
- B) Phenomenal Woman – **Maya Angelou**

Module II

- A) Conversation Skills
- B) The Childless One – **Jai Nimbkar**
- C) Those Winter Sundays – **Robert Hayden**

Module III

- A) English for Competitive Examination – I
- B) Four Minutes that get you Hired
–**Connie Brown Glaser and Barbara Steinberg Smalley**

Module IV

- A) Stormy Arrival in South Africa – **Mohandas Karamchand Gandhi**
- B) The Road Not Taken – **Robert Frost**

Semester IV (Paper D)

Module V

- A) E-Communication
- B) Breathing Spaces – **Rana Nayar**

Module VI

- A) English for Competitive Examination – II
- B) My Financial Career – **Stephen Leacock**

Module VII

- A) English for Banking and Industries
- B) Senior Payroll – **William E. Barrett**

Module VIII

- A) The Verger – **Somerset Maugham**
- B) I Am the People, the Mob – **Carl Sandburg**
- C) One Day I Wrote Her Name – **Edmund Spenser**

Pattern of Question Paper

B.COM. PART II
ABILITY ENHANCEMENT COMPULSORY COURSE (AECC)
(CBCS)

ENGLISH FOR BUSINESS COMMUNICATION
(Compulsory English)

PATTERN OF QUESTION PAPER (June 2019 Onwards)

Semester III (Paper C)

Total Marks 50

Que. No.	Sub. Q.	Type of Question	Based on	Marks
Q.1.	A.	Four multiple choice questions with four alternatives to be set.	Prose and poetry	04
	B.	Answer in one word/Phrase/Sentence each.	Prose and poetry	04
Q.2.	A.	Answer the following questions in 3 - 4 sentences each (3 out of 5)	3 on Prose and 2 on Poetry	06
	B.	Write short notes on the following in about 7 - 8 sentences each (2 out of 3)	1 on Prose and 2 on Poetry	06
	C.	Two different Vocabulary exercises to be set for 2 marks each	Prose and poetry	04
Q.3.	A.	Question to be set on ORAL SKILLS	Module I A	05
	B.	Question to be set on ORAL SKILLS	Module I A	04
Q.4.	A.	Question to be set on CONVERSATION SKILL	Module II A	04
	B.	Question to be set on CONVERSATION SKILL	Module II A	04
Q.5	A.	Question to be set on ENGLISH FOR COMPETITIVE EXAMINATION – I	Module III A	05
	B.	Question to be set on ENGLISH FOR COMPETITIVE EXAMINATION – I	Module III A	04

Semester IV (Paper – D)**Total Marks 50**

Que. No.	Sub. Q.	Type of Question	Based on	Marks
Q.1.	A.	Four multiple choice questions with four alternatives to be set.	Prose and poetry	04
	B.	Answer in one word/Phrase/Sentence each.	Prose and poetry	04
Q.2.	A.	Answer the following questions in 3 - 4 sentences each (3 out of 5)	3 on Prose and 2 on Poetry	06
	B.	Write short notes on the following in about 7 - 8 sentences each (2 out of 3)	1 on Prose and 2 on Poetry	06
	C.	Two different Vocabulary exercises to be set for 2 marks each	Prose and poetry	04
Q.3.	A.	Question to be set on E-COMMUNICATION	Module V A	05
	B.	Question to be set on E-COMMUNICATION	Module V A	04
Q.4.	A.	Question to be set on ENGLISH FOR COMPETITIVE EXAMINATION – II	Module VI A	04
	B.	Question to be set on ENGLISH FOR COMPETITIVE EXAMINATION – II	Module VI A	04
Q.5.	A.	Question to be set on ENGLISH FOR BANKING AND INDUSTRIES	Module VII A	05
	B.	Question to be set on ENGLISH FOR BANKING AND INDUSTRIES	Module VII A	04

Shivaji University, Kolhapur
Syllabus of B. Com. (SEM – III)
(To be introduced from June, 2019)

BUSINESS STATISTICS (PAPER-I)

Credits-4

Course Outcomes

After completion of this course, the student will be able to

1. Explain the scope of statistics in business, perform classification and tabulation, and represent the data by means of simple diagrams and graphs.
2. Explain and apply sampling techniques in real life.
3. Summarize data by means of measures of central tendency and dispersion.
4. Explain the merits and demerits of various measures of central tendency and dispersion.
5. Perform analysis of bivariate data using simple correlation and simple linear regression.

Unit 1: Introduction to Statistics

(15)

- 1.1 Meaning of Statistics, Scope of Statistics in business.
- 1.2 Primary and secondary data, Discrete and continuous variables, Classification and its basis, Frequency and frequency distribution, Tabulation.
- 1.3 Diagrammatic representation: pie-chart, simple bar diagram, Graphical representation: histogram, ogive curves, Numerical problems.
- 1.4 Sampling: Definitions of population, sample, sampling, and census, Principle steps in sample survey, Advantages of sampling over census, Methods of sampling: simple random sampling (with and without replacement), stratified random sampling.

Unit 2: Measures of Central Tendency

(15)

- 2.1 Concept of central tendency, Requirements of a good average.
- 2.2 Arithmetic mean (A. M.): Definition, Properties of A. M. (without proof), Combined A. M., Merits and demerits, Numerical problems.
- 2.3 Median and quartiles: Definitions, Merits and demerits of median, Numerical problems.
- 2.4 Mode: Definition, Merits and demerits, Empirical relation among mean, median, and mode, Numerical problems.

Unit 3: Measures of Dispersion

(15)

- 3.1 Concept of dispersion, Requirements of a good measure of dispersion, Absolute and relative measures of dispersion.
- 3.2 Range, Coefficient of range, Merits and demerits of range, Numerical problems.
- 3.3 Quartile deviation (Q. D.), Coefficient of Q. D., Merits and demerits of Q. D., Numerical problems.
- 3.4 Standard deviation (S. D.), Coefficient of S. D., Coefficient of variation, Variance, Merits and demerits of S. D., Numerical problems.

Unit-4: Analysis of Bivariate Data: Correlation and Regression**(15)**

- 4.1 Concept of correlation, Types of correlation.
- 4.2 Methods of studying correlation: Scatter plot, Karl Pearson's correlation coefficient (r), Interpretation of r (with special cases $r = -1$, 0 , and 1), Spearman's Rank correlation coefficient (R), Numerical problems on computation of r and R (with and without ties) for ungrouped data.
- 4.3 Concept of regression.
- 4.4 Lines of regression, regression coefficients, relation between correlation coefficients and regression coefficient, Numerical problems on ungrouped data.

Reference Books:

- 1. Gupta S. P. (2018) *Statistical methods*, Sultan Chand and Sons.
- 2. Gupta C. B. and Gupta Vijay (2004) *An Introduction to Statistical Methods*, Vikas Publishing House Pvt Limited.
- 3. Desai S. S.(2017) *Business Statistics*, Jay-Gauri.
- 4. Kumbhojkar G. V. (2017) *Business Statistics*, Phadke Prakashan.
- 5. Gupta S. C. (2019) *Fundamentals of Statistics*, Himalaya Publishing House Pvt. Ltd.

Shivaji University, Kolhapur
Syllabus of B. Com. (SEM – IV)
(To be introduced from June, 2019)

BUSINESS STATISTICS (PAPER-II)

Credits-4

Course Outcomes

After completion of this course, the student will be able to

1. Compute unconditional and conditional probabilities and apply laws of probabilities.
2. Identify the applications of Binomial and normal distributions.
3. Measure trend and seasonal variations in time series data.
4. Compute and interpret simple and weighted index numbers.
5. Construct and apply variable and attribute control charts.

Unit 1: Probability and Probability Distributions (15)

- 1.1 Definitions of random experiment, sample space, event, equally likely events, mutually exclusive events, independent events, Classical definition of probability.
- 1.2 Definition of conditional probability, Addition and multiplication laws of probability (without proof), Numerical problems (without use of permutation and combination).
- 1.3 Binomial distribution: Probability mass function, Mean and variance (without proof), Simple numerical problems to find probability and parameters.
- 1.4 Normal distribution: Probability density function, Mean and variance (without proof), Properties of normal curve, Standard normal distribution, numerical problems to find probabilities for given area under standard normal curve.

Unit 2: Time Series Analysis (15)

- 2.1 Definition and uses of time series.
- 2.2 Components of time series.
- 2.3 Methods of measuring trend: method of semi-averages, method of moving averages, and method of least squares, Numerical problems.
- 2.4 Measurement of seasonal variations using simple average method, Numerical problems.

Unit 3: Index Numbers (15)

- 3.1 Need, meaning, and uses of index numbers, Applications of index numbers in share market, Price, quantity, and value index numbers.
- 3.2 Simple index numbers by simple aggregate method and simple average of relatives method (using A. M.), Numerical problems.
- 3.3 Weighted index numbers by Laspeyre's, Paasche's, and Fisher's formulae, Numerical problems.
- 3.4 Problems involved in construction of index numbers.

Unit 4: Statistical Quality Control**(15)**

- 4.1 Concept of statistical quality control (SQC), Advantages of SQC, Types of variability: chance cause variability and assignable cause variability.
- 4.2 Shewhart control chart and its construction.
- 4.3 Variable control charts: mean (\bar{X}) and range (R) charts, Numerical problems.
- 4.4 Attributes control charts: control chart for number of defectives (np -chart) for fixed sample size and control chart for number of defects per unit (c -chart), Numerical problems.

Reference Books:

- 1. Gupta S. P. (2018) *Statistical methods*, Sultan Chand and Sons.
- 2. Gupta C. B. and Gupta Vijay (2004) *An Introduction to Statistical Methods*, Vikas Publishing House Pvt Limited.
- 3. Desai S. S.(2017) *Business Statistics*, Jay-Gauri.
- 4. Kumbhojkar G. V. (2017) *Business Statistics*, Phadke Prakashan.
- 5. Gupta S. C. (2019) *Fundamentals of Statistics*, Himalaya Publishing House Pvt. Ltd.

Shivaji University, Kolhapur
B.Com.(CBCS Pattern)
Part – II (Semester –III) (Draft Syllabus)
Tax Procedure & Practice – Paper VI
Title of Paper – INCOME TAX
Generic Elective Course
Introduced From June 2019-20

Credit-4

Objectives-

1. To understand the process and procedure of the Income Tax Act, 1961
2. To impart theoretical knowledge of Income Tax
3. To acquaint students with post Assessment procedure and TDS provisions and procedure.

Unit – I	Income Tax Payment and fine of interest – a) Advance Tax b) Interest payable under section 234 ABC	10 Hours
Unit – II	Assessment Procedure – Inquiring before Assessment – Assessment U/S 143(1), Regular Assessment of U/S 143(2), Best Judgement Assessment, Income escaped Assessment, issue of notice where income has escaped assessment, Time Limit for notice, Time limit completion of Assessment, Re-assessment	20 Hours
Unit – III	Post Assessment Procedure – a) Refund – who can claim refund, form no 16 for refund, Time limit for claiming refund, refund on appeal interest refund b) Rectification of mistake c) Appeals and revisions – when an assessee can file appeal appellate authorities, procedure for filing appeal, filling appeal, Revision by Income Tax commissioner d) Penalties and Procedure – Procedure for imposing penalties, Waiver of penalty nature of default and penalties impossible.	20 Hours
Unit – IV	TDS provisions and Procedure – including TDS Tax collection of source provision and procedures.	10 Hours

Shivaji University, Kolhapur
B.Com.(CBCS Pattern)
Part – II (Semester –IV) (Draft Syllabus)
Tax Procedure & Practice – Paper VIII
Title of Paper – INCOME TAX
Generic Elective Course
Introduced From June 2019-20

Credit-4

Objectives-

1. To impart theoretical knowledge of TDS, TCS, Penalties and prosecutions
2. To develop the skills of solving practical problems of TDS and TCS
3. To acquaint students with recent terms and conditions in Income Tax

Unit – I	TDS – Scheme of tax deduction at source, deduction of tax from salaries, interest other than interest on securities, winnings from horse races, from payments to contractors or sub contractors, from insurance commission, from commission or brokerage, from income by way of rent, on purchase of immovable property and on professional fees.	20 Hours
Unit – II	TCS – Scheme of tax collection at source, applicability, persons liable to collect TCS, rates of TCS and relevant provisions.	10Hours
Unit – III	PENALTIES & PROSECUTIONS – Penalties for default in brief, penalty for concealment / under-reporting of Income, procedure for imposition of penalty and time-limit for completion of penalty proceedings.	20 Hours
Unit – IV	PRACTICAL PROBLEMS ON TDS & TCS – Problems on calculation of TDS & TCS	10 Hours

B.Com.II
Semester III and IV (CBCS Pattern)
Tax Procedure and Practice - Income Tax
Nature of Question Paper

Total Marks : 50

Instructions :

1. All questions carry equal marks
2. Attempt any five questions out of seven

Q.1	Theory - Short Notes (Any two out of four)	10 Marks
Q.2	Theory Broad Question	10 Marks
Q.3	Theory Broad Question	10 Marks
Q.3	Problems	
Q.5	Problems	10 Marks
Q.6	Problems	10 Marks
Q.7	Problems	10 Marks

Equivalence

Sr. No.	Old Name	New Name
1	Tax Procedure and Practice Income Tax Paper VI (Vocational)	Tax Procedure and Practice Income Tax Paper VI (CBCS)
2	Tax Procedure and Practice Income Tax Paper VIII (Vocational)	Tax Procedure and Practice Income Tax Paper VIII (CBCS)

Reference Books :

1. Students guide to Income Tax – Taxman
2. Direct Tax ready reckoner – Vinod Sighaniya
3. Income Tax – P.M. Herekar

Shivaji University, Kolhapur
B.Com.(CBCS Pattern)
Part – II (Semester –III) (Draft Syllabus)
Tax Procedure & Practice – Paper V
Title of Paper – GST (SGST, IGST & CGST)
Generic Elective Course
Introduced From June 2019-20

Credit-4

Objectives-

1. To impart theoretical knowledge of GST
2. To help students solve practical problems in GST
3. To acquaint students with the latest concepts and terms in GST.

Unit – I	Schedules under the Act(Schedule I,II and III under GST Act 2017) Levy & Collection of Tax (Scope of supply, Composite & mix supply, levy & collection)	10 Hours
Unit – II	Time & value of supply (Time of supply of goods, Time of supply of service, Value of Taxable supply schedules)	10 Hours
Unit – III	Determination of nature of Supply (Inter state Supply, Intra-state supply, Supplies in territorial water. Sec 7,8,9 of IGST Act) Sec. 10 & 11 of IGST Act Sec-10 Place of Supply of Goods other than supply of goods imported into, or exported from India. Sec. 11 – Place of Supply of Goods imported into or exported from India.	10 Hours
Unit – IV	Basic Problems – Problems to calculate SGST & CGST & Time & Value of supply.	30 Hours

Shivaji University, Kolhapur
B.Com.(CBCS Pattern)
Part – II (Semester –IV) (Draft Syllabus)
Tax Procedure & Practice – Paper VII
Title of Paper – GST
Generic Elective Course
Introduced From June 2019-20

Credit-4

Objectives-

1. To make aware the students regarding new amendments made in the Indirect taxation system of India i.e. GST
2. To give practice approach and implementation of GST provisions
3. To make aware about the key aspects under GST like place of supply of goods and services
4. To enhance the knowledge of students with the practical solutions and case studies under GST.

Unit – I	Composition levy (Conditions, applicability, Composition rate of tax etc. Reverse Charge Mechanism (RCM) – Applicability, Conditions	10 Hours
Unit – II	Input Tax Credit (Eligibility & conditions for taking Input Tax credit apportionment of credit & blocked credit)	20 Hours
Unit – III	Sec 12 - Place of Supply of Goods or services or both. (Place of supply of services, where location of supplies & recipient in India. Sec 13 - Place of Supply of services where location of supplier where location of supplier or location of recipient is outside India	20 Hours
Unit – IV	Basic Problems – Time of supply, value of supply, place of supply & ITC	10Hours

B.Com.II
Semester III and IV (CBCS Pattern)
Tax Procedure and Practice - GST
Nature of Question Paper

Total Marks : 50

Instructions :

1. All questions carry equal marks
2. Attempt any five questions out of seven

Q.1	Theory - Short Notes (Any two out of four)	10 Marks
Q.2	Theory Broad Question	10 Marks
Q.3	Theory Broad Question	10 Marks
Q.3	Problems	
Q.5	Problems	10 Marks
Q.6	Problems	10 Marks
Q.7	Problems	10 Marks

Equivalence

Sr. No.	Old Name	New Name
1	Tax Procedure and Practice GST (SGST, IGST & CGST) Paper V(Vocational)	Tax Procedure and Practice GST Paper V (CBCS)
2	Tax Procedure and Practice GST Paper VII (Vocational)	Tax Procedure and Practice Income Tax Paper VII (CBCS)

Reference Books :

1. GST made simple - Taxman
2. A birds eye view - Jain and Jha
3. Basics of GST - Taxman
4. GST guide for students - CA Vivek Agarwal

SHIVAJI UNIVERSITY, KOLHAPUR.



Accredited By NAAC with 'A' Grade

**Revised Syllabus For
Bachelor of Science
Part-II**

PHYSICS

CBCS PATTERN

**Syllabus to be implemented from
June, 2019 onwards.**

SHIVAJI UNIVERSITY KOLHAPUR
B.Sc. Part-II Physics CBCS Syllabus with effect from June, 2019
Semester-III
PHYSICS Paper-V
DSC-C1 THERMAL PHYSICS AND STATISTICAL MECHANICS – I
Theory: 36 Hours
Marks-50 (Credits: 02)

Unit I: (18 hrs)

Kinetic Theory of Gases and thermometry

Mean free path, derivation of Maxwell's law of distribution of velocities and its experimental verification, Transport Phenomena: transport of momentum (viscosity), transport of thermal energy (conduction), Transport of mass (diffusion), Law of equipartition of energy (qualitative) and its applications to specific heat of monoatomic and diatomic gases. Principle of thermometry, types of thermometers, Scales of temperature (Celsius, Kelvin, Fahrenheit and Rankine) , Mercury thermometer, Thermoelectric thermometer ,Platinum resistance thermometer , Thermister

Unit II:

Laws of Thermodynamics (18 hrs)

Thermodynamic system, thermodynamic variables, equation of state, thermodynamic equilibrium, Zeroth Law of thermodynamics, Internal energy, First law of thermodynamics, conversion of heat into work, specific heats C_p & C_v , Applications of First Law (Isothermal process, Adiabatic process, Isochoric, Isobaric), relation between C_p & C_v , work done during isothermal and adiabatic processes, reversible & irreversible processes, Second law of thermodynamics, Carnot's ideal heat engine, Carnot's cycle (Working, efficiency), Carnot's theorem, Entropy (concept & significance), Entropy changes in reversible & irreversible processes, Third law of thermodynamics, Unattainability of absolute zero.

• **Reference books**

- 1) Heat and Thermodynamics- Brijlal and N.Subramanyam, S.Chand and Company Ltd.
- 2) Text book of heat- J.B. Rajam, S.Chand and company Ltd
- 3) A treatise on Heat- Meghnad Saha and B.N. Srivastava, Indian Press
- 4) Heat and Thermodynamics (8th Ed), M.W. Zemansky and R. Dittman, McGraw Hill
- 5) Heat Thermodynamics and Statistical physics- J.P. Agrawal and Satya Prakash, Pragati Prakashan
- 6) Fundamentals of heat - D.S.Mathur, S.Chand and Sons publisher

Semester III
PHYSICS Paper VI
DSC-C2: WAVES AND OPTICS - I
Theory: 36 Hours
Marks -50 (Credits: 02)

Unit I

(18 hrs)

1) Superposition of Harmonic Oscillations (7 hrs)

Linearity and superposition principle, Superposition of two collinear harmonic oscillations- for oscillations having equal frequencies (Analytical and geometrical methods) and oscillations having different frequencies (Beats), Superposition of two perpendicular harmonic oscillations- for oscillations having equal frequencies (Graphical and analytical methods) and oscillations having different frequencies (Lissajous figures), Uses of Lissajous figures.

2) Coupled Oscillations: (4 hrs)

Frequencies of coupled oscillatory systems, normal modes and normal co-ordinates, energy of coupled oscillations, energy transfer in coupled oscillatory system.

3) Waves Motion and Ultrasonic waves (7hrs)

Waves Motion: Transverse waves on a string, travelling and standing waves on a string, Normal modes of a string, Group velocity and Phase velocity, Plane waves, Spherical waves.

Ultrasonic waves: Piezo-electric effect, Production of ultrasonic waves by Piezo-electric generator, Detection of ultrasonic waves, Properties ultrasonic waves, Applications of ultrasonic waves.

Unit II

(18 hrs)

1) Sound and Acoustics of buildings: (7 hrs)

Sound: Transducers and their characteristics, Pressure microphone, Moving coil loudspeaker, Intensity and loudness of sound, Decibels, Intensity levels, musical notes, musical scale.

Acoustics of buildings: Reverberation and time of reverberation, Absorption coefficient, Sabine's formula for measurement of reverberation time, Acoustic aspects of halls and auditoria.

2) Viscosity(5hrs)

Rate flow of liquid in a capillary tube - Poiseuille's formula, experimental determination of coefficient of viscosity of a liquid by Poiseuille's apparatus method, variations of viscosity of a liquid with temperature lubrication.

3) Physics of low pressure(6hrs)

Production and measurement of low pressure, Rotary pump, Diffusion pump, Molecular pump, Knudsen absolute gauge, Pirani gauge, Detection of leakage.

• **Reference books**

- 1) The Physics of Waves and Oscillations- N. K. Bajaj, Tata McGraw-Hill Pvt. Ltd., New Delhi, Reprint 2010
- 2) Waves and Oscillations-Subrahmanyam Brijlal, Vikas Publishing House Pvt. Ltd., New Delhi, 2nd Revised Edition
- 3) Waves and Oscillations – Dr. D. N. Tripathy, Kedarnant Ramnant Meerut , Delhi.
- 4) Elements of properties of matter-D. S. Mathur, S. Chand & company Pvt. Ltd., New Delhi, Reprint 2016
- 5) Physics for degree students- C. L. Arora and Dr. P. S. Hemne, S Chand & Company Pvt. Ltd., Second revised Edition, reprint 2014, Ram Nagar, New Delhi
- 6) A textbook of sound – N Subrahmanyam Brijlal, Vikas Publishing House Pvt. Ltd., New Delhi
- 7) A Text book of sound- Khanna and Bedi, Atma Ram & sons, Delhi
- 8) Oscillations & Waves- Satya Prakash, Pragati Prakashan, Meerut, 3rd Edition
- 9) Classical Mechanics – Gupta Kumar Sharma, Pragati Prakashan, Meerut, Reprint Introduction to Classical Mechanics- Nikhil Ranjan Ray, Vikas Publishi
- 10) Introduction to Classical Mechanics by R. G. Takwale & P. S. Puranik, McGraw Hill Education (India) Pvt,Ltd
- 11) Physics for Engineering (Vol 1)- P. K. Palanisany, Scitech Publications (India) Pvt Ltd.
- 12) University Physics –Gurbachan S. Chaddha (chapter 3), Narosa Publishing House Pvt. Ltd. Delhi
- 13) University Physics – FW Sears, MW Zemansky and HD Young, Addison Wesley

B. Sc. Part – II Semester-IV

PHYSICS Paper-VII

DSC-D1 THERMAL PHYSICS AND STATISTICAL MECHANICS – II

Theory: 36 Hours

Marks-50 (Credits: 02)

Unit I

(18 hrs)

1) Thermodynamic Potentials (10 hrs)

Enthalpy, Gibbs, Helmholtz, Internal Energy functions, Maxwell's thermodynamical relations, Joule-Thomson effect, Clausius- Clapeyron equation, Expression for ($C_p - C_v$), C_p/C_v , TdS equations.

2) Theory of Radiation (8 hrs)

Blackbody radiation and its importance, Experimental study of black body radiation spectrum, Concept of energy density, Derivation of Planck's law, Deduction of Wien's distribution law, Rayleigh-Jeans Law, Stefan Boltzmann Law and Wien's displacement law from Planck's law.

Unit II

(18 hrs)

1) Classical statistics (10 hrs)

Phase space, Microstate and Macrostate, Accessible microstates, priory probability thermodynamic probability, probability distribution, Maxwell-Boltzmann distribution

law, evaluation of constants α and β , Entropy and Thermodynamic probability, Distribution of molecular speeds.

2) Quantum statistics (8 hrs)

Bose-Einstein distribution law, photon gas, Fermi-Dirac distribution law, electron gas, comparison of M.B., B.E., and F.D. statistics.

• Reference books

- 1) Heat and Thermodynamics-M.W.Zemasky and R. Dittman, McGraw Hill.
- 2) Physics for degree students B.Sc. second year- Arora, Hemne, S. Chand.
- 3) Concepts of Modern Physics- Arthur Beiser, McGraw-Hill.
- 4) Thermal Physics, S. Garg, R. Bansal and C. Ghosh, 1993, Tata McGraw-Hill.
- 5) Thermodynamics, Kinetic theory & Statistical thermodynamics, F.W.Sears & G.L.Salinger. 1988, Narosa.
- 6) University Physics- Ronald Lane Reese, Thomson Brooks/Cole.
- 7) Heat Thermodynamics and Statistical Physics, N. Subramaniam, Brijlal, P. Hemne, 2008, S. Chand.

B. Sc.Part II Semester IV
PHYSICS Paper VIII
DSC- D2 - WAVES AND OPTICS-II
Theory: 36 Hours
Marks -50 (Credits: 02)

Unit III

(18 hrs)

1. Cardinal points (7 hrs)

Cardinal points of an optical system (definitions only), graphical construction of image using cardinal points, Newton's formula, relation between f and f' for any optical system, relation between lateral, axial and angular magnifications.

2. Resolving Power of optical instruments: (5 hrs)

Resolution, Resolving power of optical instruments, Rayleigh's criterion for the limit of resolution, Modified Rayleigh's criterion, comparison between magnification and resolution, resolving power of plane diffraction grating, resolving power of a prism.

3. Polarization of light: (6 hrs)

Idea of polarization, polarization by double refraction, Huygens explanation of double refraction through uniaxial crystals, Nicol prism (construction, working), production and detection of circularly and elliptically polarized light, optical rotation - laws of rotation of plane of polarization, polarimeter.

UNIT-IV

(18 hrs)

1. Interference: (10 hrs)

Principle of Superposition, Coherence and condition for interference, Division of amplitude and division of wave front, Division of wave front – Lloyds single mirror (determination of wavelength of light of monochromatic source), Division of amplitude – Interference in thin parallel films (reflected light only), Wedge shaped films, Newton's rings and its application for determination of wavelength and refractive index of light.

2. Diffraction: (8 hrs)

Fraunhofer diffraction – Elementary theory of plane diffraction grating, Determination of wavelength of light using diffraction grating, Theory of Fresnel's half period zones, Zone plate (construction, working and its properties), Fresnel's diffraction at a straight edge.

• Reference Books

1. Text book of optics for B.Sc. Classes – Brij Lal and N. Subrahmanyam, S. Chand & Company Ltd. New Delhi, 2006
2. Wave Optics – R. K. Verma, Discovery Publishing House New Delhi, 2006
3. A text book of light – 8th Edition, D. N. Vasudeva, Atma Ram & Sons, Delhi (1976)
4. Fundamentals of Optics – 4th Edition, Frances A. Jenkins and Harvey E. White, Tata McGraw-Hill Education Private Ltd., New Delhi 2011
5. Optics – 2nd Edition, Ajay Ghatak, Tata McGraw-Hill Publishing Company Ltd., New Delhi,
6. *A text book of light* – D. N. Vasudeva
7. Principles of Physics – 10th Edition, Halliday and Resnick, Wiley
8. University Physics – 14th Edition, H.D. Young and R. A. Freedman, Pearson

➤ B.Sc. Part II PHYSICS LAB Experiments (DSC C1, C2, D1, D2 Paper V, VI, VII, VIII) Total Marks: 100 Credits: 04

• Group I (Thermal Physics and Statistical Mechanics I)

1. To determine the value of Stefan's Constant.
2. To determine the coefficient of thermal conductivity of copper by Searle's Apparatus.
3. To determine the Coefficient of Thermal Conductivity of Cu by Angstrom's Method.
4. To determine the coefficient of thermal conductivity of a bad conductor by Lee and Charlton's disc method.
5. To determine the temperature co-efficient of resistance by Platinum resistance thermometer.
6. To study the variation of thermo e.m.f. across two junctions of a thermocouple with temperature.
7. To record and analyze the cooling temperature of hot object as a function of time using a thermocouple.
8. To calibrate Resistance Temperature Device (RTD) using Null Method/Off-Balance Bridge

• Group II (Thermal Physics and Statistical Mechanics II)

1. To determine the temperature coefficient of resistance using post office box.
2. To verify Stefan's fourth power law.

3. To determine specific heat of graphite.
4. To determine the ratio of specific heat of air by Kundt's tube.
5. Temperature of flame
6. To determine the coefficient of thermal conductivity of glass in the form of tube.
7. To determine the thermal conductivity of metal bar by Forbes's method.
8. To determine Mechanical Equivalent of Heat, J, by Callender and Barne's constant flow method.

• **Group III(Waves and Optics I)**

1. To investigate the motion of coupled oscillators
2. To determine the frequency of an electrically maintained tuning fork by Melde's experiment and to verify $\lambda^2 - T$ Law
3. To study Lissajous figures by using CRO
4. To determine coefficient of viscosity of water by capillary flow method (Poiseuille's method)
5. To determine velocity of sound in air by Kundt's tube and audio oscillator or Phase shift method (CRO and microphone).
6. To determine viscosity of liquid by Searle's viscometer.
7. To determine velocity of sound in air by resonating bottle.
8. To determine frequency of a crystal oscillator.

• **Group IV(Waves and Optics II)**

1. To determine the Resolving Power of a Prism.
2. To determine the Resolving Power of a Plane Diffraction Grating.
3. To determine wavelength of sodium light using diffraction due to straight edge.
4. To determine wavelength of sodium light using Newton's Rings.
5. Determine thickness of thin film using interference in wedge shaped thin film.
6. Goniometer I- To study cardinal points of optical system
7. Goniometer II- To study the equivalent focal length of optical system.
8. To study angle of specific rotation of sugar using Polarimeter.

• **Reference Books for practical**

1. Advanced Practical Physics for students, B.L. Flint & H.T. Worsnop, 1971, Asia Publishing House.
2. Advanced level Physics Practical, Michael Nelson and Jon M. Ogborn, 4th Edition, reprinted 1985, Heinemann Educational Publishers
3. A Text Book of Practical Physics, Indu Prakash and Ramakrishna, 11th Edition, 2011, Kitab Mahal, New Delhi.
4. B.Sc. Practical Physics, C.L. Arora, S. Chand & Company Pvt. Ltd., New Delhi

➤ **Scheme of Theory Examination for B. Sc. part –II**

- 1) Two theory papers for each semester.
- 2) Each paper is of two hour duration and of 50 marks.

➤ **Scheme of Practical Examination for B. Sc. Part-II**

1. The marks distribution for practical marks is as below.

Group	Allotted Marks
Group I	20
Group II	20
Group III	20
Group IV	20
Journal work Certified Journal(10 Mark) Neatness(5 Mark) Punctuality(5 Mark)	20
Total Marks	100
Credits	04

2. Practical examination will be conducted annually.
3. Practical examination will be conducted for two days per batch of 16 students.
4. The examination will be conducted in two sessions per day and each session will be of three hours duration.
5. Every candidate should perform one experiment each from Groups I to IV (total 4 experiments).
6. At least eighty percent practical should be completed by the student.

➤ **Nature of the Question Paper**

Time: 2 Hours

Total Marks: 50

Instructions:

1. All questions are compulsory
2. Figures to the right indicates full marks
3. Draw neat labeled diagrams wherever necessary.
4. Use of scientific calculator/log table is allowed

Q.1 Select the correct alternative for the following (10)

(Ten questions with four alternatives carrying 1 mark each)

Q.2 Attempt ANY TWO of the following (20)

(A)

(B)

(C)

Q.3 Attempt ANY FOUR of the following (20)

(A)

(B)

(C)

(D)

(E)

(F)

Note: Equal wattage should be given to all the units

SHIVAJI UNIVERSITY, KOLHAPUR.



Accredited By NAAC with 'A' Grade

Revised Syllabus For

B.A. Part-III

English

Syllabus to be implemented from

June, 2020 onwards.

Shivaji University, Kolhapur
B. A.III
Compulsory English
Ability Enhancement Compulsory Course (CBCS)
ENGLISH FOR COMMUNICATION
From June 2020 Onwards

Course Objectives:

- To enhance students' communication skills
- To impart employability skills to students
- To prepare students for competitive examinations
- To enable students to acquire professional skills such as media writing
- To enable students to learn manners and etiquettes required at workplace
- To enhance students' reading comprehension skills
- To create interest in English literature among students
- To inculcate human values and ethics in order to enable students' to become good citizens of the country

Course Outcomes: After the completion of the course, the students will be able to:

- Communicate in English, in oral and written modes, in their day-to-day lives as well as at workplaces.
- Face job interviews confidently and efficiently.
- Acquire soft skills required at workplaces and in real life.
- Learn group behavior and team work.
- Learn to value and respect others' opinions and views and develop democratic attitude.
- Face competitive examinations confidently and efficiently with adequate linguistic confidence.
- Acquire professional skills required in media writing such as writing editorials.
- Learn to appreciate and enjoy reading poetry and prose passages.
- Acquire human values and develop cultured outlook.

SEMESTER V AECC 5

MODULE I

- A. Interview Skills
- B. The Interview -V.V. John

MODULE II

- A. Grammar for Competitive Examinations
- B. The Lottery - Shirley Jackson

MODULE III

- A. Writing Skills for Competitive Examinations
- B. After Twenty Years - O' Henry

MODULE IV

- A. I Shall Return To This Bengal - Jibananda Das
- B.(i) Song of Youth - A. P. J. Abdul Kalam
- (ii) The Orphan Girl - Henry Derezio

***Note: Semester V: 10 Marks for Internal Evaluation: STUDENTS' SEMINAR**

SEMESTER VI

AECC 6

MODULE V

- A. Group Discussion
- B. The Lighthouse Keeper of Aspinwall - Henry Sienkiewicz

MODULE VI

- A. Note Making and Note Taking
- B. Three Questions - Leo Tolstoy

MODULE VII

- A. Media Writing
- B. Eight Rupees - Murli Das Melwani

MODULE VII

- A. The Mystic Drum - Gabriel Okara
- B. (i) Two Dead Soldiers- Jean Arasanayagam
(ii) Bora Ring - Judith Wright

***Note: Semester VI: 10 Marks for Internal Evaluation: STUDENTS' GROUP PROJECT**

Division of Teaching Hours 8 Modules x 15 Hours = 120 Hours

Shivaji University, Kolhapur
B. A.III
Compulsory English
Ability Enhancement Compulsory Course (CBCS)
ENGLISH FOR COMMUNICATION

PATTERN OF QUESTION PAPER (June 2020 Onwards)

Semester V (Paper E)

Total Marks: 40

Q. No	Sub Q.	Type of Question	Based on	Marks
Q. 1	A.	Four multiple choice questions with four alternatives to be set	Prose and Poetry	03
	B.	Answer in one word/phrase/sentence each.	Prose and Poetry	03
	C.	Two different Vocabulary Exercises to be set for 1 mark each	Prose and Poetry	02
Q.2	A.	Answer the following questions in 3-4 sentences each. (2 out of 3)	2 on Prose and 1 on Poetry	04
	B.	Write Short Note on the following in about 7-8 sentences each. (1 out of 2)	1 on Prose and 1 on Poetry	04
Q.3	--	Questions to be set on Interview Skills (A or B)	Module I A	08
Q.4	--	Question to be set on Grammar for Competitive Examinations (A or B)	Module II A	08
Q.5	--	Question to set on Writing Skills for Competitive Examinations(A or B)	Module III A	08

Semester VI (Paper F)

Total Marks: 40

Q. No	Sub Q.	Type of Question	Based on	Marks
Q. 1	A.	Four multiple choice questions with four alternatives to be set	Prose and Poetry	03
	B.	Answer in one word/phrase/sentence each.	Prose and Poetry	03
	C.	Two different Vocabulary Exercises to be set for 1 mark each.	Prose and Poetry	02
Q.2	A.	Answer the following questions in 3-4 sentences each. (2 out of 3)	2 on Prose and 1 on Poetry	04
	B.	Write Short Note on the following in about 7-8 sentences each. (1 out of 2)	1 on Prose and 1 on Poetry	04
Q.3	--	Question to be set on Group Discussion(A or B)	Module V A	08
Q.4	--	Question to be set on Note Making and Note Taking(A or B)	Module VI A	08
Q.5	--	Question to set on Media Writing(A or B)	Module VII A	08

Shivaji University, Kolhapur
B. A. Part III
Special English
INTRODUCTION TO LITERARY CRITICISM (CBCS)
Discipline Specific Elective
Semester V (Paper VII) (DSE- E11) & Semester VI (Paper XII) (DSE- E136)
From June 2020 onwards

Course Objectives:

- To introduce students to the major trends in literary criticism.
- To familiarize students with the major critical concepts.
- To help students to study the original contributions made in the field of literary criticism.
- To acquaint students with the various literary and critical movements.
- To train students to write critical appreciation of poetry.

Course Outcomes:

- Students are able to understand the major trends in criticism.
- Students are able to interpret critical concepts.
- Students are able to study the original contributions to literary criticism.
- Students are acquainted with literary and critical movements.
- Students are able to understand the meaning and appreciate the poems critically.

Semester V(Paper VII) (DSE- E11)	
Module I	Introduction to Literary Criticism: 1. Nature of Criticism 2. Function of Criticism
Module II	Classical Criticism: 1. The Concept of Tragedy 2. The Ideal Tragic Hero (From Aristotle's <i>Poetics</i>)
Module III	Neo-classical Criticism: Dr. Samuel Johnson's <i>Preface to Shakespeare</i> (1765)
Module IV	Literary Terms: 1. Symbolism 2. Realism 3. Humour 4. Paradox
Note: Semester V: 10 Marks for Internal Evaluation: STUDENTS' SEMINAR	
Semester VI (Paper XII) (DSE- E136)	
Module V	Romantic Criticism: William Wordsworth's Theory of Poetic Diction (From William Wordsworth's <i>Preface to Lyrical Ballads</i>)
Module VI	Victorian Criticism: Matthew Arnold's Touchstone Method (From Matthew Arnold's <i>The Study of Poetry</i>)
Module VII	Modern Criticism:

	T S Eliot's <i>Tradition and Individual Talent</i> (1919)
Module VIII	Practical Criticism: Poetry
Note: Semester VI: 10 Marks for Internal Evaluation: STUDENTS' GROUP PROJECT	

Division of Teaching Hours 8 Modules x 15 Hours = 120 Hours

Recommended Reading: Semester V and Semester VI

- Abrams, M. H. *A Glossary of Literary Terms* (8th Edition). New Delhi: Akash Press, 2007.
- Alexander, L. G. *Prose and Poetry Appreciation for Overseas Students*. London: Longman Green and Comp. Ltd., 1966.
- Allex, Latter & Rachel, Teubner. *William Wordsworth's Preface to the Lyrical Ballads*. London: Macat Library, 2018.
- Bliss, Perry. *A Study of Poetry*. Kindle Edition, 22 Feb., 2018.
- Butcher, S. C. *Poetics*. New Delhi: Kalyani Publishers, 1978.
- Bywater, Ingram. *Aristotle's Poetics*. Oxford: Atthe Clarendon Press, 1976.
- Cuddon, J. A. *The Penguin Dictionary of Literary Terms and Literary Theory* (4th Edition). London and New York: Penguin, 2000.
- Davis, Joseph, K. Pathea, R Broughton and Michael Wood. *Literature*. Illinois: Scott, Foresman and Comp. Glenviews, 1977.
- Eliot, T.S. *The Sacred Wood – Essays on Poetry and Criticism*. (Seventh edition), 1950.
- Enright, D.J. & Ernst De Chickera. *English Critical Texts: 16th Century to 20th Century*. OUP, 1968.
- Fyfe, Hamilton. *Aristotle's Art of Poetry*. London: OUP, 1940.
- Gray, Martin. *A Dictionary of Literary Terms* (York Handbooks), Pearson Education, 2009.
- Hudson, W. H. *An Introduction to the Study of Literature*. New Delhi: Atlantic, 2007.
- Richards, I. A. *Practical Criticism: A Study of Literary Judgment*. New Delhi: UBS Publishers, 2002.
- Scott James, R. A. *The Making of Literature*. Mumbai: Allied Publishers Pvt. Ltd., 1963.
- Sherbo, Arthur(ed.). *The Yale edition of the works of Samuel Johnson*. Vol.7. New haven: Yale University Press, 1968.
- S. Ramaswami & V. S. Seturaman (ed.) *The English Critical Tradition: An Anthology of English Literary Criticism*, Volume 1,. New Delhi: Macmillan Publishers India Ltd. 1977/2009.
- Seturaman, V. S., C. T. Indra and T. Siraman. *Practical Criticism*. Madras: Macmillan India Ltd., 1995.
- Waugh, Patricia (ed.) *Literary Theory and Criticism: An Oxford Guide*. New York: Oxford University Press, 2006.
- Wimsatt, W. K. and Cleanth Brooks. *Literary Criticism: A Short History*. New Delhi: Oxford and IBH Publishing Company Pvt. Ltd., 1957.
- Wellek, Rene and Austin Warren. *Theory of Literature*. London: Jonathan Cape, 1949.
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Shivaji University, Kolhapur
B. A. Part III
Special English
INTRODUCTION TO LITERARY CRITICISM (CBCS)
Discipline Specific Elective
Semester V (Paper VII) (DSE- E11)
PATTERN OF QUESTION PAPER
From June 2020 onwards

Total Marks: 40

Q1. Objective type Question

- A) Multiple choice questions with four alternatives. 4
- B) Answer the following questions in one word/phrase/sentence each. 4
- (Q1 A and B to be set on topics covering **Module I to IV**)
- (At least one item to be set on each Module)

Q2. Answer the questions in about 250-300 words each.

(A or B to be set on **Module I, II, and III**) 10

Q3. Answer the questions in about 250-300 words each.

(A or B to be set on **Module I, II, and III**) 10

Q3 A. Write short notes on the following: (Any 3 out of 5) 12

(3 to be set on **Module IV** and 2 on **Module I, II, III** not covered in question 2 and 3)

INTRODUCTION TO LITERARY CRITICISM (CBCS)
Semester VI (Paper XII) (DSE- E136)
PATTERN OF QUESTION PAPER
From June 2020 onwards

Total Marks: 40

Q1. Objective type Question

- A) Multiple choice questions with four alternatives. 4
- B) Answer the following questions in one word/phrase/sentence each. 4
- (Q1. A and B to be set on topics covering **Module V to VII**)
- (At least one item to be set on each Module)

Q2. Answer in the questions 250-300 words each.

(A or B to be set on **Module V, VI, and VII**) 10

Q3. Answer the questions in about 250-300 words each.

(A or B to be set on **Module V, VI, and VII**) 10

Q4. Write critical appreciation of the given poem. 12

(with the help of points such as title, theme, content, devices, message, style, rhyme-scheme, diction, type of poem, tone, stanza-pattern, metre, etc. **(Based on Module VIII)**)

EQUIVALENCE

Old Title	New Title
LITERARY CRITICISM AND LITERARY APPRECIATION	INTRODUCTION TO LITERARY CRITICISM

Shivaji University, Kolhapur

B. A.III

English Special

ENGLISH POETRY (CBCS)

Discipline Specific Elective

Semester V (Paper VIII) (DSE – E12) and Semester VI (Paper XIII) (DSE – E137)

(From June 2020 Onwards)

Course Objectives:

- To make students engaged and curious readers of poetry
- To introduce students to poetry from various cultures and traditions
- To make students understand that poetry gives intellectual, moral and linguistic pleasures
- To make students hear and read poems aloud and to memorize lines

Course Outcomes:

- Students will be able to trace the development of the poetry in English from the days of Shakespeare to the contemporary India.
- Students will be able to appreciate and analyze the poems properly.
- Students will have a fairly comprehensive view of the Western and Eastern poetic tradition and they will be able to relate it to various literary movements.
- Students will have an insight into poetry and they will be able to make a lively and interesting reading.

SEMESTER V (Paper VIII) (DSE – E12)		
MODULE NO.	TITLE OF THE MODULE	NAME OF THE POET
I. Topics For Background Readings:		
	1. Elizabethan Poetry	
	2. Metaphysical Poetry	
	3. Romantic Poetry	
II. Selections from Elizabethan Poetry:		
	1. Sweet Warrior (Sonnet 57)	Edmund Spenser
	2. Sonnet To The Moon	Sir Philip Sydney
	3. Full Many A Glorious Morning... (Sonnet 33)	William Shakespeare
III. Selections from Metaphysical Poetry:		
	1. The Sun Rising	John Donne
	2. The Retreat	Henry Vaughan
	3. The Collar	George Herbert
IV. Selections from Romantic Poetry:		
	1. My Heart Leaps Up	William Wordsworth
	2. The Rime of the Ancient Mariner	S. T. Coleridge
	3. Ozymandias	P. B. Shelley
	4. When We Two Parted	Lord Byron
*Note: Semester V: 10 Marks for Internal Evaluation: STUDENTS' SEMINAR		

SEMESTER VI (Paper XIII) (DSE – E137)		
MODULE NO.	TITLE OF THE MODULE	NAME OF THE POET
V. Topics For Background Readings:		
	1. Victorian Poetry	
	2. Modern English Poetry	
	3. Modern Indian English Poetry	
VI. Selections from Victorian Poetry:		
	1. The Lady Of Shallot	Alfred Lord Tennyson
	2. My Last Duchess	Robert Browning
	3. Love Came Down At Christmas	Christiana Rossetti
VII. Selections from Modern English Poetry:		
	1. No Second Troy	W. B. Yeats
	2. The Hollow Men	T. S. Eliot
	3. Tonight I Can Write	Pablo Neruda
VIII. Selections from Modern Indian English Poetry:		
	1. The Professor	Nissim Ezekiel
	2. A Hot Noon in Malabar	Kamala Das
	3. A River	A. K. Ramanujan
	4. A Kind of Happiness	Jayanta Mahapatra
*Note: Semester VI: 10 Marks for internal Evaluation: STUDENTS' GROUP PROJECT		

Division of Teaching Hours: 8 Modules x 15 Hours each= 120 Hours

Recommended Reading: Semester V and Semester VI

Appelbaum, Stanley. *English Romantic Poetry: An anthology*. Dover Publications Inc. 1996.
 Burrow, Colin. *Metaphysical Poetry*. Penguin Classics. 2006.
 Chaudhuri, Roshinka. *A History of Indian Poetry in English*. Cambridge University press. 2016.
 Chaudhuri, Sukanta. *Modern Indian Literature*, New Delhi: OUP, 2004.
 Courthope, W.J. *A History of English Poetry*. Vol.I Macmillan, 1995.
 Craig, W.J. (ed.). *The Complete works of William Shakespeare*. Oxford: OUP., 1905.
 Fenton, James. *An Introduction to English Poetry*. New York: Farrar, Strauss and Giroux, 2004.
 Gardner, Martin, *The Annotated Ancient Mariner*, New York: Clarkson Potter, 1965.
 Harold Bloom and Lionel Trilling. (ed.) *Romantic Prose and Poetry*, New York: OUP, 1973.
 Mitra, Zinia(ed.). *Indian Poetry in English: Critical Essays*. New Delhi: PHI Learning Pvt Ltd., 2012.
 Naik, M.K. *A History of Indian English Literature*. Delhi, 1982.
 Narasimhaiah, C.D., (ed.) *An Anthology of Commonwealth Poetry*, Delhi: Macmillan, 1990.
 Negri, Paul. *English Victorian poetry*. Dover Publications Inc. 1998
 Ramanan, M.G. *Modern English Poetry: A Selection*. New Delhi: Orient Blackswan, 2013.
 Samuel Taylor Coleridge, *Biographia Literaria*, ed. George Watson. London: Everyman, 1993.

Shivaji University, Kolhapur

B. A.III

English Special

ENGLISH POETRY (CBCS)

Discipline Specific Elective

Semester V (Paper VIII) (DSE – E12)

PATTERN OF QUESTION PAPER

From June 2020 Onwards

Marks: 40

- Q1. A) Four multiple choice questions with four alternatives (4)
B) Answer the following questions in one word/ phrase/sentence each. (4)
(Q. 1 A and B to be set on **Module II, III and IV**)
- Q2. Answer the following questions in about 250-300 words. (10)
(A or B to be set on **Module I**)
- Q3. Answer the following questions in about 250-300 words. (10)
(A or B to be set on **Module II, III or IV**)
- Q4. Write Short Notes in about 100-150 words each (3out of 4) (12)
(Two be set on **Module I** and two be on **Module II, III or IV**)
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ENGLISH POETRY (CBCS)

Discipline Specific Elective

Semester VI (Paper XIII) (DSE – E137)

Marks: 40

- Q1. A) Four multiple choice questions with four alternatives (4)
B) Answer the following questions in one word/ phrase/sentence each. (4)
(Q. 1 A and B to be set on **Module VI, VII and VIII**)
- Q2. Answer the following questions in about 250-300 words. (10)
(A or B to be set on **Module V**)
- Q3. Answer the following questions in about 250-300 words. (10)
(A or B to be set on **VI, VII or VIII**)
- Q4. Write Short Notes in about 100-150 words each (3out of 4) (12)
(Two be set on **Module V** and two be on **Module VI, VII or VIII**)
-

EQUIVALENCE

Old Title	New Title
Understanding Poetry	English Poetry

Shivaji University, Kolhapur
B. A. Part III
Special English
ENGLISH DRAMA (CBCS)
Discipline Specific Elective
Semester V (Paper IX) ((DSE – E13) & Semester VI (Paper XIV) (DSE – E138)
From June 2020 onwards

Course Objectives:

- To make students understand different forms of drama
- To enable students to relate drama to their ideological or socio-political contexts
- To help students improve their creative and imaginative faculties through the reading of drama
- To enable students to know about various aspects of the drama

Course Outcomes:

- Students are able to understand different forms of drama.
- Students are able to relate drama to their ideological or socio-political contexts.
- Students are able to improve their creative and imaginative faculties through the reading of drama.
- Students are able to know about various aspects of the drama.

Semester V (Paper IX) ((DSE – E13)

MODULE I

Definition and Elements of Drama

MODULE II

Tragedy as a Form

MODULE III

The Importance of Being Earnest - Oscar Wilde

MODULE IV

Hamlet – William Shakespeare

Division of Teaching Hours: 4 Modules X 15 Periods = 60 Periods

Prescribed Texts:

Wilde, Oscar. *The Importance of Being Earnest*. New Delhi: General Press, 2018.
Shakespeare, William. *Hamlet*. Penguin Books, 1980.

*Note: Semester V: 10 Marks for Internal Evaluation: STUDENTS' SEMINAR

Semester VI (Paper XIV) (DSE – E138)

MODULE V

Types of Drama

MODULE VI

Comedy as a Form

MODULE VII

Nagmandala – Girish Karnad

MODULE VIII

Harvest – Manjula Padmanabhan

Division of Teaching Hours: 4 Modules X 15 Periods = 60 Periods

Prescribed Texts:

Karnad, Girish. *Nagmandala*. Oxford University Press, 1990.

Padmanabhan, Manjula. *Harvest*. Delhi: Penguin, 1997.

*Note: Semester VI: 10 Marks for Internal Evaluation: STUDENTS' GROUP PROJECT
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Recommended Reading: Semester V and Semester VI

Aasand, Hardin L. *Stage Directions in Hamlet: New Essays and New Directions*. NJ: Fairleigh Dickinson University Press, 2003.

Babu, Munchi Sarat. *Indian Drama*. New delhi: Prestige Books, 1997.

Bhatt, S.K. *Indian English Drama: A Critical Study*. New Delhi: Sterling Publishers Pvt. Ltd., 1987.

Bloom, Harold. *The Importance of Being Earnest: Modern Critical Interpretations*. Chelsea House Pub., 1988.

Driver, T.F. *Drama and History*. New York: Columbia University Press, 1967.

Ddiya, Jaydipsinh. (ed.) *The Plays of Girish Karnad: Critical Perspectives*. New Delhi: Prestige Books, 1999.

Gargy, Balwant. *Folk Theatre of India*. Culcutta: Rupa & Co., 1991.

Gillespie, Michael Patrick. *The Importance of Being Earnest*. (Norton Critical Editions). W.W.Norton and Co., 2006.

Hibbard, G.R. (ed.) *Hamlet*. OUP: 1988.

Hirsh, James. *Shakespeare and the History of Soliloquies*. NJ: Farleigh Dickinson University Press, 2003.

Joshi, R.G. *Myth in Indian Drama*. Delhi: B.R. Publishing Corporation, 1984.

Kumar, Nand. *Indian English Drama: A Study in Myths*. New Delhi: Sarup and sons, 2003.

MacCary, Thomas. *Hamlet: A Guide to the Play*. London: Greenwood Press, 1988.

Martin, James. *The Meaning of the 21st Century*. New York: Riverhead Penguin, 2007.

Priestley, J.B. *The Art of the Dramatist*. London: Heinemann, 1957.

Rajkumar, K. *Socio-Political Realities in Harvest*. Purna:RHI,Mahmul, 2012.

Robertson, Ronald. *Globalization: Social Theory and Global Culture*. London: Sage, 1992.

Sen,B. *The Importance of Being Earnest*. Unique Publishers,2015.

Styan, J.L. *The Elements of Drama*. Cambridge: Cambridge University Press, 1967.

Vaidyanathan, G. *The Importance of Being Earnest*. New Delhi: Narain Publications, 2018.

Worthen, W.B. (ed.). *Anthology of Drama* (Fourth edition). London: Cengage Learning EMEA, 2004.

Shivaji University, Kolhapur
B. A. Part III
Special English
ENGLISH DRAMA (CBCS)
Discipline Specific Elective
Semester V (Paper IX) ((DSE – E13)

PATTERN OF QUESTION PAPER

(From June 2020 onwards)

Marks: 40

- Q1. A) Four multiple choice questions with four alternatives (4)
B) Answer the following questions in one word/ phrase/sentence each. (4)
(Q. 1 A and B to be set on **Module III and IV**)
- Q2. Answer the following questions in about 250-300 words. (10)
(A or B to be set on **Module I and II**)
- Q3. Answer the following questions in about 250-300 words. (10)
(A or B to be set on **Module III and IV**)
- Q4. Write Short Notes in about 100-150 words each (3out of 4) (12)
(Two be set on **Module I and II** and two be on **Module III and IV**)
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ENGLISH DRAMA (CBCS)
Discipline Specific Elective
Semester VI (Paper XIV) (DSE – E138)

PATTERN OF QUESTION PAPER

(From June 2020 onwards)

Marks: 40

- Q1. A) Four multiple choice questions with four alternatives (4)
B) Answer the following questions in one word/ phrase/sentence each. (4)
(Q. 1 A and B to be set on **Module VII and VIII**)
- Q2. Answer the following questions in about 250-300 words. (10)
(A or B to be set on **Module V and VI**)
- Q3. Answer the following questions in about 250-300 words. (10)
(A or B to be set on **VII and VIII**)
- Q4. Write Short Notes in about 100-150 words each (3out of 4) (12)
(Two be set on **Module V and VI** and two be on **Module VII and VIII**)
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EQUIVALENCE

Old Title	New Title
Understanding Drama	English Drama

Shivaji University, Kolhapur
B. A. Part III Special English
ENGLISH NOVEL (CBCS)

Discipline Specific Elective

Semester V (Paper X) ((DSE – E14) & Semester VI (Paper XV) (DSE – E139)

From June 2020 onwards

Course Objectives:

- To make students understand different forms of novel.
- To enable students to relate novels to their ideological or socio-political contexts.
- To help students to improve their creative and imaginative faculties through the reading of novels.
- To enable students to know about various aspects of the novel.

Course Outcomes:

- Students are able to understand different forms of novel.
- Students are able to relate novels to their ideological or socio-political contexts.
- Students are able to improve their creative and imaginative faculties through the reading of novels.
- Students are able to know about various aspects of the novel.

SEMESTER V (Paper X) (DSE – E14)

MODULE I

Rise and Development of the Novel

MODULE II

Aspects of the Novel

MODULE III

The Old Man and the Sea – Ernest Hemingway

MODULE IV

The Power and the Glory – Graham Greene

Division of Teaching Hours: 4 Modules X 15 Periods = 60 Periods

Prescribed Texts:

Hemingway, Ernest. *The Old Man and the Sea*. New York: Simon & Schuster, 1952.

Greene, Graham. *The Power and the Glory*. New York: Time Reading Special Edition. 1940, 1962.

*Note: Semester V: 10 Marks for Internal Evaluation: STUDENTS' SEMINAR

SEMESTER VI (Paper XV) (DSE – E139)

MODULE V

Historical and Psychological Novel

MODULE VI

Satirical Novel and Epistolary novel

MODULE VII

Animal Farm: A Fairy Tale - George Orwell

MODULE VIII

The Guide - R. K. Narayan

Division of Teaching Hours: 4 Modules X 15 Periods = 60 Periods

Prescribed Texts:

Orwell, George. *Animal Farm: A Fairy Tale*. New York: Signet Classic, 1996.

Narayan, R. K. *The Guide*. US: Viking Press, 1958.

***Note: Semester VI: 10 Marks for internal Evaluation: STUDENTS' GROUP PROJECT**

Suggested Reading: for Semester V and Semester VI

Auden, W. H. *The Enchafed Flood: The Romantic Econography of the Sea*. New York: Random, 1950.

Abrams, M. H. *A Glossary of Literary Terms* (8th Edition) New Delhi, Akash Press – 2007

Bender, Bert. *Sea Brothers: The Tradition of American Sea Fiction from Moby-Dick to the Present*. Philadelphia: University of Pennsylvania Press, 1988.

Bloom, Harold. *Ernest Hemingway's The Old Man and the Sea: Modern Critical Interpretations*. Cheasea House Publications, 2008.

Bradbury, Malcolm. *The Novel Today*. Glasgow: F. C. Paperbacks, 1982.

Brooks and Warren. *Understanding Fiction*. Prentice Hall, 1959.

Dedria, Bryfonski & Hall, Sharon. *Twentieth Century Literary Criticism: George Orwell*. Michigan: Book Tower, 1979.

Edel, Leon. *The Psychological Novel: 1900-1950*. Ludhiana: Kalyani, 1997.

Forster, E. M. *Aspects of Novel*. London. 1949.

Hynes, Samuel, ed. *Graham Greene: A Collection of Critical Essays*. New Jersey: Prentice Hall, Inc. 1973.

Jones, David P. *Graham Greene*. Edinburgh: Oliver and Boyd. 1963.

Kerala, Calling. *From Eric Blair to George Orwell, Biography*. London: Sage, 2003.

Kermode, Frank. *Sense of an Ending*. OUP, 1967.

Lall, Pamji. *Graham Greene: The Power and the Glory: A Critical Study*. New Delhi: Roma Brothers India Pvt. Ltd. 2005.

Lewis, R. W. B. & Conn, Petr J. ed. *Graham Greene: The Power and the Glory: Text and Criticism*. New York: The Viking Press, 1970.

Lubbock, Percy. *The Craft of Fiction*. London: Jonathan Cape, 1965.

Matz, Jesse. *The Modern Novel: A Short Introduction*. Oxford Blackwell, 2004.

Meyers, Jeffery. *George Orwell: The Critical Heritage*. Routledge, 1997.

Rimmon-Kennan, Shlomith. *Narrative Fiction*. London and New York: Routledge, 2005.

Roy, Ruby. *A Critical Study of R. K. Narayan's Swami and Friends and The Guide*. Delhi: Kalpaz Publications, 2015.

Rees, R. J. *Introduction to English Literature*. London: Macmillan, 1966/1968.

Singh, P. K. *The Novels of R. K. Narayan : A Critical Study*. New Delhi: Atlantic Publishers.

Stade, George, ed. *Six Contemporary British Novelists*. New York: Colombia University Press, 1976.

Subramaniam, K. S. *Graham Greene: A Study of Graham Greene's Works*. Bareilly: Prakash Book Depot, 1978.

Vinson, James, ed. *Contemporary Novelists*. London: St. James Press, 1972.

Watt, Ian. *Rise of the Novel*. London: Penguin, 1957.

Woodcock, George. *20th Century Fiction*. London: The Macmillan Press Ltd., 1983.

Shivaji University, Kolhapur
B. A. Part III
Special English
ENGLISH NOVEL (CBCS)
From June 2020 onwards
PATTERN OF QUESTION PAPER FOR
(Semester V Paper X DSE – E14)

Marks: 40

- Q1. A) Four multiple choice questions with four alternatives (4)
B) Answer the following questions in one word/ phrase/sentence each. (4)
(Q. 1 A and B to be set on **Module III and IV**)
- Q2. Answer the following questions in about 250-300 words. (10)
(A or B to be set on **Module I and II**)
- Q3. Answer the following questions in about 250-300 words. (10)
(A or B to be set on **Module III and IV**)
- Q4. Write Short Notes in about 100-150 words each (3out of 4) (12)
(Two be set on **Module I and II** and two be on **Module III and IV**)
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PATTERN OF QUESTION PAPER FOR
(Semester VI Paper XV DSE – E139)

Marks: 40

- Q1. A) Four multiple choice questions with four alternatives (4)
B) Answer the following questions in one word/ phrase/sentence each. (4)
(Q. 1 A and B to be set on **Module VII and VIII**)
- Q2. Answer the following questions in about 250-300 words. (10)
(A or B to be set on **Module V and VI**)
- Q3. Answer the following questions in about 250-300 words. (10)
(A or B to be set on **VII and VIII**)
- Q4. Write Short Notes in about 100-150 words each (3out of 4) (12)
(Two be set on **Module V and VI** and two be on **Module VII and VIII**)
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EQUIVALENCE

Old Title	New Title
Understanding Novel	English Novel

Shivaji University, Kolhapur
B.A. III
English Special
LANGUAGE AND LINGUISTICS (CBCS)
Discipline Specific Elective
Semester V –Paper XI (DSE - E15) & Semester VI – Paper XVI (DSE - E140)
From June 2020 onwards

LANGUAGE AND LINGUISTICS
Semester V –Paper XI (DSE -E 15)

Course Objectives:

- To orient students to the concept of communication.
- To make the students familiar with varieties of the English language.
- To acquaint students with different levels of the study of language.
- To study the basic units of grammar.

Course Outcomes:

- Students know the concept of communication.
- Students are familiar with varieties of the English language.
- Students know different levels of study of the English language.
- Students know basic units of grammar.

Semester V –Paper XI DSE - E 15

MODULE I

Language and Communication

- i. Definitions and characteristics of language
- ii. Human and Animal communication systems (Special reference to Hockett's 7 characteristics of language)

MODULE II

Phonology

MODULE III

Morphology

MODULE IV

Words

*Note: Semester V: 10 Marks for Internal Evaluation: STUDENTS' SEMINAR

Division of Teaching Hours: 4 Modules X 15 Periods = 60 Periods

Reference Books :

- Balasubramaniam, T. *A Textbook of English Phonetics for Indian Students*, Delhi: McMillan, 1981.
- Bansal, R.K. & Harrison, J.B., *Spoken English*, Hyderabad: Orient Longman, 2000.
- Hockett, C.F., *A Course in Modern Linguistics*, MacMillan, . 1963.
- Hudson, Richard, *Sociolinguistics*, Cambridge: Cambridge University Press, 1996.
- Jones, Daniel, *English Pronouncing Dictionary*, ELBS Edition.
- Leech et al, *English Grammar Today: a New Introduction*, Hyderabad: McMillan, 2010.
- Lyons, John, *Language and Linguistics: An Introduction*, Cambridge: Cambridge University Press, 1981.
- Quirk, R., Greenbaum, S., Leech, G. & Svartvik, J., *A Comprehensive Grammar of English*, New Delhi: Pearson, 2010.
- Quirk, Randolph & Greenbaum, Sidney, *A University Grammar of English*, New Delhi: Pearson, 2015.
- Radford, A., Atkinson, M., Britain, D., Clahsen, H. & Spencer, A., *Linguistics: An Introduction*, Cambridge: Cambridge University Press, 1999.
- Trask, R. L, *Key Concepts in Language and Linguistics*, London: Routledge, 1999.
- Verma, S.K. & Krishnaswamy, N., *Modern Linguistics*, Hyderabad: Oxford University Press, 1989.
- Velayudhan, S. & Mohanan, K. P., *An Introduction to the Phonetics and Structure of English*, New Delhi: Somaiya Pub. Pvt. Ltd., 1977

QUESTION PAPER PATTERN

From June 2020 onwards

LANGUAGE AND LINGUISTICS (CBCS) Discipline Specific Elective Semester V –Paper XI (DSE - E15)

- | | | |
|------|---|------|
| Q. 1 | Objective type | |
| | a) Three term labels | (3) |
| | b) Transcription of words with primary stress | (3) |
| | c) Conversion of the given transcriptions into the conventional spellings | (2) |
| Q.2 | a) Write short notes (2/3) (to be set on Module I) | (10) |
| | b) Morphological Analysis giving labels (2/4) | (4) |
| Q.3 | a) Identification of word formation/morphological processes | (4) |
| | d) Identification of word classes | (4) |
| Q.4. | Write short notes (2/4) (2 each to be set on Module II & IV) | (10) |
-

Shivaji University, Kolhapur
B.A. III
English Special
LANGUAGE AND LINGUISTICS (CBCS)
Discipline Specific Elective
Semester VI – Paper XVI (DSE - E140)
From June 2020 onwards

Course Objectives:

- To acquaint students with structures and functions of words and phrases.
- To enable students to know and identify elements and types of clauses.
- To study Subordination and Coordination.
- To study different ways of structuring clauses.

Course Outcomes:

- Students know words and phrases.
- Students know and identify elements and types of clauses.
- Students know types of sentences.
- Students know the different ways of structuring clauses

Semester VI – Paper XVI (DSE - E140)

MODULE V

Phrases

MODULE VI

Clauses

MODULE VII

Subordination and Coordination

MODULE VIII

Basic and Derived Structures

- i) Inversion / Fronting
- ii. Negation
- iii. Interrogation
- iv. Exclamation
- v. Omission of Certain Elements
(Relative Pronouns, Comparative Clauses, Tag Questions)
- vi. Passivisation
- vii. Subject Raising
- viii. Style Transformation

Note: Semester VI: 10 Marks for Internal Evaluation: STUDENTS' GROUP PROJECT

Division of Teaching Hours: 4 Modules X 15 Periods = 60 Periods

Reference Books :

- Crystal, David, *Linguistics*, London: Penguin Books Ltd., 1974.
 Hockett, C.F., *A Course in Modern Linguistics*, MacMillan, 1963.
 Hudson, Richard, *Sociolinguistics*, Cambridge: Cambridge University Press, 1996.
 Leech et al, *English Grammar Today: A New Introduction*, Hyderabad: McMillan, 2010.
 Lyons, John, *Language and Linguistics: An Introduction*, Cambridge: Cambridge University Press, 1981.
 Palmer, F. G., *Grammar*, London: Penguin Books Ltd., 1973.
 Quirk, R., Greenbaum, S., Leech, G. & Svartvik, J., *A Comprehensive Grammar of English*, New Delhi: Pearson, 2010.
 Quirk, Randolph & Greenbaum, Sidney, *A University Grammar of English*, New Delhi: Pearson, 2015.
 Radford, A., Atkinson, M., Britain, D., Clahsen, H. & Spencer, A., *Linguistics: An Introduction*, Cambridge: Cambridge University Press, 1999.
 Verma, S.K. & Krishnaswamy, N., *Modern Linguistics*, Hyderabad: Oxford University Press, 1989.

QUESTION PAPER PATTERN**From June 2020 onwards****LANGUAGE AND LINGUISTICS (CBCS)****Discipline Specific Elective****Semester VI – Paper XVI (DSE - E140)**

Q. 1	a) Identify elements of clause (S, P, O, C, A)	(4/6)	(4)
	b) Transformation of sentence (to be set on Module VIII)	(4/6)	(4)
Q.2	a) Write short notes. (2 each to be set on Module V & VI)	(2/4)	(10)
	b) Give form and function labels to the underlined phrases.	(4/6)	(4)
Q.3	a) Write short notes (To be set on Module VII)	(2/3)	(10)
	b) Identify the subordinate clauses and state their form and function.	(4/6)	(4)
Q. 4.	Do as directed. (to be set on Module VIII)	(4/6)	(4)

EQUIVALENCE

OLD TITLE	NEW TITLE
THE STRUCTURE AND FUNCTION OF MODERN ENGLISH	LANGUAGE AND LINGUISTICS

SHIVAJI UNIVERSITY, KOLHAPUR.



Accredited By NAAC with 'A' Grade

Revised Syllabus For

B.Sc Part- III

Physics

Syllabus to be implemented from

June, 2020 onwards.

SHIVAJI UNIVERSITY, KOLHAPUR
B.Sc. Part-III Physics CBCS Syllabus with effect from June 2020
B.Sc. Part-III Semester-V
PHYSICS Paper-IX
DSE-E1 Mathematical Physics
Theory: 36 Hours (45 Lectures of 48 minutes)
Marks -50 (Credits: 02)

UNIT-I

1. Partial Differential Equation (8 hours)

Introduction to differentialequations, Method of separation of variables for solving second order partial differential equations, Form of two dimensional Laplace differential equation in Cartesian coordinates and its solution, Three dimensional partial differential equation in Cartesian coordinates and its solution, The differential equation of progressive wave and its solution.

2. Frobenious Method and Special Functions (10hours)

Singular points of second order differential equations, Application of singularity to Legendre and Bessel differential equation, Series solution method of solving second order linear differential equation(Frobenious method) and its application to Legendre differential equation.

UNIT-II

1. Some Special Integrals (6 hours)

Gamma function, Properties of Gamma function, Beta function, Properties of Beta function,Relation between Beta and Gamma functions, Error function (Probability Integral).

2. Complex Analysis (12 hours)

Revision of complex numbers and their graphical representation: Geometrical representation, Equal complex numbers, Addition, Subtraction, Multiplication and Division of complex number by geometry. Types of complex numbers, square roots of complex numbers, Logarithmic function of complex variables, Euler's formula, De'Moivre's theorem, Cauchy-Riemann conditions.

Reference Books

1. Advanced calculus, Robert C. Wrede, Murray Spiegel.
2. Differential Equations with Modeling Applications, Dennis G.Zill.
3. Partial Differential Equations, Gupta Malik and Mittal.
4. Differential Equations, Gupta Malik and Mittal.
5. Differential Equations, Ramachandra Rao, H. R. Anuradha.
6. Partial Differential Equations, N. P. Bali.
7. Differential Equations, N. Ch. S. N. Iyenger.
8. Mathematical Physics, B. S. Rajput.
9. Mathematical Methods for Physicists, Arfken, Weber, 2005, Elsevier.
10. Mathematical Methods for Scientists and Engineers, McQuarrie, 2003, Viva Books.
11. Mathematical Physics, H. K. Das, Rama Varma.
12. Essential Mathematical methods, K. F. Riley, M. P. Hobson, 2011, Cambridge.
13. Mathematics for Physicists, Susan M. Lea, 2004, Thomson Books/Cole.

B.Sc. Part-III Semester-V
PHYSICS Paper-X
DSE-E2 Quantum Mechanics
Theory: 36 Hours (45 Lectures of 48 minutes)
Marks -50 (Credits: 02)

Unit-I

1. Matter Waves (08 hours)

Wave particle duality, De-Broglie hypothesis of matter waves, Derivation of wavelength of matter wave, Concept of wave packet, Relation between group velocity - phase velocity and group velocity-particle velocity, Davisson and Germer experiment, Uncertainty principle (statements only): position-momentum and energy- time, Application of uncertainty principle- non existence of free electrons in the nucleus.

2. Schrodinger's Wave Equation (10 hours)

Wave function and its physical interpretation, Condition of physically acceptable wave function, Normalized and orthogonal wave function, Schrödinger time dependent and time independent (steady state) wave equations in 1D and 3D, Probability current density(continuity equation), Eigen values and Eigen functions, Expectation values of dynamic variables.

Unit-II

1. Operators in Quantum Mechanics (08 hours)

Definition of an operator, Position operator (x), Linear momentum operator (p), Commutation relation in quantum mechanics, Commutation relation between x and p , Kinetic energy operator (T), Hamiltonian operator (H), Parity operator (π), Angular momentum operator (L) – components of angular momentum operator in Cartesian coordinate system, Ladder operators, Eigen values of L_z and L^2 (use equations for L^2 and L_z in spherical polar coordinates).

2. Applications of Schrodinger Equation (10 hours)

Particle in a rigid box (infinite potential well) in one dimension and three dimension, Step potential- reflection and transmission coefficients, Potential barrier- tunneling effect (qualitative treatment), One dimensional simple harmonic oscillator (operator method)- energy levels, zero point energy, Schrodinger equation for Hydrogen atom in spherical polar coordinates, Separation of radial and angular parts, Solution of radial part of Schrodinger's equation - Energy Eigen values.

Reference Books

1. Modern Physics, R. Murugesan, 1997, S. Chand and Company Ltd.
2. Atomic Physics, J B Rajam, S Chand and Co.
3. Perspectives of Modern Physics, Arthur Beiser, McGraw Hill International Editions.
4. Concepts of Modern Physics, Arthur Beiser, Ahobhit Mahajan, S. Rai Choudhury, Sixth Edition, Tata McGraw Hill Education Private Ltd.
5. Modern Physics, S. L. Kakani and Shubhra Kulkarni, 2006, Viva books Private Ltd.
6. Modern Physics, D. L. Sehgal, K. L. Chopra and N. K. Sehgal, Reprint 1995, Sultan Chand & sons.
7. Introduction to Modern Physics, F. K. Richtmyer, E. H. Kennard, John N. Cooper, Sixth Edition, Tata McGraw Hill Education Private Ltd
8. A Text book of Quantum Mechanics, P.M. Mathews & K. Venkatesan, 2nd Edn., 2010, Tata McGraw Hill,
9. Quantum Mechanics, Leonard I. Schiff, 3rd Edn. 2010, Tata McGraw Hill.
10. Quantum Mechanics Theory and Applications, A. K. Ghatak and S. Lokanathan, Third Edn. 1995, Macmillan India Ltd.
11. Quantum Mechanics Theory and applications, Ajoy Ghatak, S. Lokanathan, 5th Ed, 2017, Trinity.
12. Quantum Mechanics, Chatwal and Anand, Reprint 2010, Himalaya Publishing house.
13. Quantum Mechanics, Gupta, Kumar, Sharma, Thirtieth Edn., 2011, Jai Prakash Nath Publications.
14. Advanced Quantum Mechanics, Satya Prakash, Reprint 2011, Kedar Nath Ram Nath Meerut.
15. Advanced Quantum Mechanics, B. S. Rajput, Ninth Edn., 2009, Pragati Prakashan.
16. Quantum Mechanics, B. N. Srivastava, Reprint 2011, Pragati Prakashan.
17. Quantum Mechanics, P. J. E. Peebles, 2003, Prentice Hall of India.
18. Quantum Mechanics, S. P. Singh, M. K. Bagade, Kamal Singh, S. Chand & company Ltd, New Delhi

B.Sc. Part-III Semester-V

PHYSICS Paper-XI

DSE-E3 Classical Mechanics and Classical Electrodynamics

Theory: 36 Hours (45 Lectures of 48 minutes)

Marks -50 (Credits: 02)

UNIT-I

1.Lagrangian Formulation (10 hour)

Constraints, Degrees of freedom, Generalized coordinates, Principle of virtual work, D'Alembert's principle, Lagrange's equation from D'Alembert's principle, Applications of Lagrange's equation to a particle in space, Atwood's machine and a bead sliding on uniformly rotating wire under force free condition.

2.Techniques of Calculus of Variation (8 hour)

Hamilton's principle, Deduction of Hamilton's principle from D'Alembert's principle, Deduction of Lagrange's equation from Hamilton's principle, Applications-shortest distance between two points in a plane, Brachistochrone problem.

UNIT- II

1.Special Theory of Relativity (12 hours)

Inertial and non-inertial reference frames, Galilean transformation equations, Michelson-Morley experiment, postulates of special theory of relativity, Lorentz transformation equations, Relativistic addition of velocities, Length contraction, Time dilation, Variation of mass with velocity, Mass-energy relation.

2. Charged Particles Dynamics (6 hours)

Poisson's and Laplace's equations and their physical significance, Laplace's equation in one dimension and its solutions, Motion of charged particle - in uniform electric field E , magnetic field B , Crossed uniform electric field E and magnetic field B .

Reference Books

1. Classical Mechanics, Goldstein Herbert, NarosaPubli./ Pearson Edu. 2018
2. Classical Mechanics, Gupta, Kumar and Sharma, Pragati Praka.2012
3. Introduction to Classical Mechanics, Nikhil Ranjan Roy, S Chand Publ. 2016
4. Introduction to Classical Mechanics, Takwale R.G., Puranik P. S., Tata McGraw 1979
5. Classical Mechanics, Panat P.V., NarosaPubli. 2016
6. Atomic physics, J B Rajam S Chand
7. Concepts of Modern Physics, Arthur Beiser, McGraw Hill
8. Introduction to Special Relativity, Robert Resnick, Wiley India
9. Classical Electrodynamics, Puri S.P., Tata McGraw/Alpha Science 2011
10. Classical Electrodynamics, Jackson J. D., Wiley India , 2007
11. Electromagnetics, Laud B.B., New Age Interna. 2011

B.Sc. Part III-Semester-V

PHYSICS Paper-XII

DSE-E4 Digital and Analog Circuits and Instrumentation

Theory: 36 Hours (45 Lectures of 48 minutes)

Marks -50 (Credits: 02)

Unit-I

1.Digital Electronics (08 hours)

Review of basic logic gates, Derived logic gates (NOR, NAND, XOR and XNOR gates), NAND and NOR gates as universal gates, De Morgan's theorems, R-S flip flop, J-K flip-flop, Half adder, Full adder, 4 bit parallel binary adder.

2.TransistorsAmplifier and Sinusoidal Oscillators (10 hours)

Transistor Amplifier: Single stage transistor CE amplifier, D.C. and A.C. equivalent circuits, load line analysis-d.c. load line, a.c. load line and Q point.

Oscillator:Feedback in amplifiers and its types,theory of feedback oscillator, Barkhausen's criterion for sustained oscillations,Oscillatory circuit (tank circuit),essentials of transistor oscillator, sinusoidal oscillators-phase shift oscillator, Colpitts oscillator, Hartley oscillator, Crystal oscillator using transistors.

Unit-II

1. Cathode Ray Oscilloscope (8 hours)

Introduction to CRO, Block diagram of CRO, Principle, Construction and working of CRT, Applications of CRO: measurement of A.C. and D. C. voltages, periodic time, frequency and phase difference, Lissajous figures.

2. Operational Amplifier and Timer (10 hours)

Operational Amplifier: Differential amplifier and its type, Op-Amp, Block diagram of an Op- Amp. Op-Ampparameters, Characteristics of an ideal and practical Op-Amp (IC 741), Applications of Op-Amps: Inverting amplifier and Non-inverting amplifier, Adder, Subtractor, Differentiator, Integrator.

Timer IC:Block diagram of IC555, IC 555 Pin configuration, Applications of IC 555 as astable and monostablemultivibrator.

ReferenceBooks

1. Integrated Electronics, J. Millman and C.C. Halkias, 1991, Tata Mc-Graw Hill.
2. Electronic devices and circuits, S. Salivahanan and N. Suresh Kumar, 2012, Tata Mc-Graw Hill.
3. Microelectronic Circuits, M.H. Rashid, 2ndEdn.,2011, Cengage Learning.
4. Modern Electronic Instrumentation & Measurement Tech., Helfrick&Cooper,1990, PHI Learning
5. Digital Principles & Applications, A.P. Malvino, D.P. Leach &Saha, 7thEd.,2011, Tata McGraw Hill
6. Microelectronic circuits, A.S. Sedra, K.C. Smith, A.N. Chandorkar, 2014, 6thEdn., Oxford University Press.
7. Fundamentals of Digital Circuits, A. Anand Kumar, 2ndEdition, 2009, PHI Learning Pvt. Ltd.
8. OP-AMP and Linear Digital Circuits, R.A. Gayakwad, 2000, PHI Learning Pvt. Ltd.
9. Basic Electronics: A text lab manual, P.B. Zbar, A.P. Malvino, M.A. Miller, 1994, Mc-Graw Hill.
10. Electronics: Fundamentals and Applications, J.D. Ryder, 2004, Prentice Hall.
11. Electronic Principle, Albert Malvino, 2008, Tata Mc-Graw Hill.
12. A text book of Electronics, SantanuChattopadhyay, New Central Book Agency, Kolkata
13. Basic Electronics, 2ndEdition , B. Basavaraj, H. N. Shivashankar, Vikas Publishing house pvt. Ltd. New Delhi.
14. Electronic principles, V. K. Mehta
15. Basic Electronics, Bhargava and Gupta

B.Sc. Part-III Semester-VI
PHYSICS Paper-XIII
DSE-F1 Nuclear and Particle Physics
Theory: 36 Hours (45 Lectures of 48 minutes)
Marks -50 (Credits: 02)

Unit-I

1. General Properties of Nuclei and Nuclear Model (10 hours)

Constituents of nucleus and their intrinsic properties, Quantitative facts about size, mass, chargedensity (matter energy), binding energy, average binding energy and its variation with mass number, Liquid drop model approach, Semi empirical mass formula, Magic numbers.

2. Particle Accelerators (8 hours)

Need of accelerators, Cyclotron- construction, working, theory and its limitations, Principle of phase stable orbit, Synchrocyclotron - construction and working, Synchrotrons- electron synchrotron and proton synchrotron, Betatron - principle, construction and working condition, expression of energy gain.

Unit-II

1. Nuclear Detectors (10 hours)

Ionization chamber, Geiger Muller counter- construction, working and theory, dead time and recovery time, quenching mechanism, Construction of photo-multiplier tube (PMT), Scintillation detector-principle, construction and working, Wilson cloud chamber, Semiconductor detector, Cerenkov radiations, Cerenkov detector.

2. Particle Physics (8 hours)

Particle interactions, Classification of elementary particles, Symmetries and conservation laws- energy, momentum, angular momentum and parity, Baryon number, Lepton number, Concept of quark model.

ReferenceBooks

1. Introductory nuclear Physics, Kenneth S. Krane (Wiley India Pvt. Ltd., 2008).
2. Concepts of nuclear physics, Bernard L. Cohen. (Tata McGraw Hill, 1998).
3. Introduction to the physics of nuclei & particles, R.A. Dunlap. (Thomson Asia, 2004)
4. Introduction to Elementary Particles, D. Griffith, John Wiley & Sons
5. Quarks and Leptons, F. Halzen and A.D. Martin, Wiley India, New Delhi
6. Basic ideas and concepts in Nuclear Physics - An Introductory Approach by K. Heyde (IOP-Institute of Physics Publishing, 2004).
7. Radiation detection and measurement, G.F. Knoll (John Wiley & Sons, 2000).
8. Theoretical Nuclear Physics, J.M. Blatt & V.F. Weisskopf (Dover Pub. Inc., 1991)
9. Nuclear Physics by John Lilley, The Manchester Physics Series – Wiley
10. Nuclear Physics by S. B. Patel, New age international (p) lit. Publishers New Delhi.
11. Modern Physics by R. Murugesan, S. Chand & company Ltd, Ram Nagar New Delhi
12. Nuclear Physics by D. C. Tayal, Himalaya Publishing house
13. Concept of modern physics by Arthur Beiser, Tata McGraw- Hill publishing company ltd. New Delhi
14. Atomic and nuclear structure by D. K. JHA, Discovery publishing house New Delhi
15. Nuclear energy by D. K. JHA Discovery publishing house New Delhi
16. Nuclear physics by S. N. Ghoshal, S. Chand & company Ltd, Ram Nagar New Delhi

B.Sc. Part-III Semester-VI
PHYSICS Paper-XIV
DSE-F2 Solid State Physics
Theory: 36 Hours (45 lectures of 48 min)
Marks-50 (Credits: 02)

Unit-I

1. Crystal Structure (10 hours)

Solids: amorphous, polycrystalline and crystalline materials; lattice, basis, unit cell- primitive, non-primitive unit cell, symmetry operations, symmetry elements of cube, Bravais lattice in two and three dimensions, Miller indices, Miller indices and inter-planer spacing, Simple crystal structures: SC, BCC, FCC and HCP (Co-ordination number, atomic radius, atoms per unit cell and packing fraction)

2. X-Ray Diffraction (08 hours)

Reciprocal lattice and its properties, Brillouin zone, Diffraction of X-rays by crystals, Ewald construction, Bragg's law in reciprocal lattice, Experimental methods in X-ray diffraction (Laue method, rotating crystal method, powder photograph method), Analysis of cubic crystal by powder method.

Unit-II

1. Magnetic Properties of Matter (10 hours)

Classical Langevin theory of diamagnetic and paramagnetic materials, Quantum mechanical treatment of paramagnetism, Curie's law, Weiss theory of ferromagnetism and ferromagnetic domains, Explanation of B-H curve, Hysteresis and energy loss.

2. Elementary Band Theory of Solids (8 hours)

Concept of density of states, Bloch theorem (statement only), Kroning-Penny model, Origin of energy gap, Velocity of electrons according to band theory, Effective mass of an electron, Distinction between metals, semiconductors and insulators, Hall Effect - Hall voltage and Hall Coefficient.

Reference Books

1. Introduction to Solid State Physics, Charles Kittel, 8th Ed., 2004, Wiley India Pvt. Ltd.
2. Elements of Solid State Physics, J.P. Srivastava, 2nd Ed., 2006, Prentice-Hall of India
3. Introduction to Solid, Leonid V. Azarov, 2004, Tata Mc-Graw Hill
4. Solid State Physics, Neil W. Ashcroft and N. David Mermin, 1976, Cengage Learning
5. Solid State Physics, Rita John, 2014, Mc-Graw Hill
6. Solid State Physics, Adrianus J. Dekker, Macmillan Publishers India Ltd.
7. Solid State Physics, M.A. Wahab, 3rd Ed., 2018, Narosa Publishing House Pvt. Ltd.
8. Solid State Physics, S.O. Pillai, 5th Ed., New Age International (P) Ltd., Publishers.
9. Fundamentals of Solid State Physics, Saxena-Gupta-Saxena, (Pragati Prakashan Meerut)
10. Solid State Physics, R. L. Singhal
11. Solid State Physics, C.M. Kachhava (Tata McGraw Hill Publication)
12. Elements of X-ray diffraction, B.D. Cullity and S. Stock
13. Solid state electronic devices, B.G. Streetman & S.K. Banerjee, 5th Ed. [PHI Learning Delhi.

B.Sc. Part-III Semester-VI

PHYSICS Paper-XV

DSE-F3 Atomic and Molecular Physics and Astrophysics

Theory: 36 Hours (45 Lectures of 48 minutes)

Marks -50 (Credits: 02)

UNIT-I

1. Atomic Spectra

(09 hours)

Observed hydrogen fine structure, Spectral notations and optical spectral series for doublet structure, Spectrum of sodium and its doublet fine structure, Selection and intensity rules for fine structure doublets, Normal order of fine structure doublets, Electron spin-orbit interaction, Normal and anomalous Zeeman effect and their explanation from vector atom model, Lande's g factor.

2. Molecular Spectra

(09 hours)

Molecular bond, Electron sharing, H_2^+ molecular ion, The hydrogen molecule, Rotational energy levels, Rotational spectra, Vibrational energy levels, Vibrational spectra, Vibration – rotation spectra, Electronic spectra of diatomic molecules.

UNIT-II

1 Raman Spectra

(4 hours)

Raman Effect, Characteristic properties of Raman lines, Classical and quantum theory of Raman Effect, Difference between Raman spectra and infrared spectra.

2. Structure of Universe:

(08 hours)

Big-Bang theory, Steady state theory, Oscillating theory, Hubble law, Cosmological tests, Milky Way galaxy, Origin of solar system - Condensation theory; arguments for and against the theory.

3. Stellar Evolution

(06 hours)

The H–R Diagram, Evolution of main sequence stars - Red giants and White dwarfs, Evolution of more massive stars- Supernova, Neutron star, Black hole, Surface of the Sun, Sunspots, Sunspot cycle.

Reference books

1. Atomic and Nuclear Physics – H. Semat and T. E. Albright.
2. Introduction to Atomic Spectra – H. E. White.
3. Concepts of Modern Physics – Arthur Beiser.
4. Perspectives of Modern Physics – Arthur Beiser.
5. Spectroscopy (Atomic and Molecular) – Gurdeep Chatwal, Sham Anand.
6. Astronomy – Fundamentals and Frontiers – Robert Jastrow and M. H. Thompson
7. Astronomy – Frank Bash.
8. Foundation of Astronomy, Michael A. Seeds, 10th edition, Thomson Learning, Inc., USA, 2008.

B.Sc. Part-III Semester-VI
PHYSICS Paper-XVI
DSE-F4 Energy Studies and Materials Science
Theory: 36 Hours (45 lectures)
Marks 50 (Credits: 02)

UNIT-I

1. Energy and Wind Energy (8 hrs)

Energy, Forms of energy, Man and environment, Energy chains, Classification of energy resources, Energy demands, Age of renewable and alternatives, Wind energy, Wind energy chains, Wind energy quantum, Planning of wind farm, Wind power density, Efficiency factor of wind turbine (P-H graph), Power of wind turbine for a given incoming wind velocity, Types of a wind turbine generator unit, Horizontal axis propeller type wind turbine generator unit.

2. Solar Energy (8 hrs)

Solar energy, Solar energy spectrum (UV, Visible and IR), Utilization of solar energy-thermal route, photovoltaic route, Essential subsystems in solar energy plant, Solar constant, Clarity index, Solar insolation, Solar energy from satellite station through microwave to earth station, Solar photovoltaic systems, Merits and limitations of solar PV systems, Prospects of solar PV systems, Power of a solar cell and solar PV panel.

3. Biomass Energy (2 hrs)

Origin of biomass, Biomass energy resources (biomass from cultivated crops, biomass from waste organic matter), Biomass conversion process (biochemical conversion-anaerobic digestion and fermentation)

UNIT-II

1. Superconductivity (6 hrs)

Idea of superconductivity, Critical temperature, Critical magnetic field, Meissner effect, Type-I and Type-II superconductors, London equation and penetration depth, Isotope effect, Application (magnetic levitation)

2. Nanotechnology (12 hrs)

Introduction to nanoscience and nanotechnology, Length scales relevant to nanoscience, Nanostructures: 1D, 2D and 3D nanostructures, Size effects in nanosystems, Quantum

confinement, Synthesis of nanostructured materials(Top down and bottom up approach), Photolithography, Ball milling,Nucleation and growth, Applications of nanotechnology (Spintronics, Molecular electronics, Nanobiotechnology)

ReferenceBooks

1. Energy Technology – Non-conventional, Renewable and Conventional – S. Rao and Dr. Parulekar.
2. Non-conventional Energy sources - G. D. Rai (4th edition), Khanna Publishers, Delhi.
3. Solar Energy - S.P. Sukhatme (second edition), Tata Mc.Graw Hill Ltd, New Delhi.
4. Solar Energy Utilization - G. D. Rai (5th edition), Khanna Publishers, Delhi.
5. Non-conventional Energy Sources – G. D. Rai (Khanna Publishers).
6. Elements of Material Science and Engineering - I.H.Vanvlach (4th Edition)
7. Material Science and Engineering - V. Raghva
8. Material science and metallurgy for Engg.-Kodigire V. D. Everest publication house, Pune
9. Material Science and Engg. - 5th Edition- V. Raghavan PHI Learning Pvt. Ltd. Delhi
- 10.Nanotechnology: Principles and Practices,Sulbha K Kulkarni (2ndEdition), Capital Publishing Co. New Delhi.
- 11.Science at the Nanoscale: An Introductory Textbook, Chin Wee Shong, Chornghaur Sow, Andrew T. S. Wee (Pan Stanford Publishing Pte. Ltd.)
12. Introduction to Nanoscience, S.M. Lindsay (Oxford University press)

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B.Sc.Part III Physics Laboratory Experiments

Total Marks: 200 Credits: 08

- **Group-I**

1. Resonance pendulum
2. S.T. of soap solution
3. Surface tension of mercury by Fergusson modified method
4. γ and η using Flat Spiral Spring
5. γ by Koenig's method
6. γ by Cornu's spiral
7. C program to arrange the given set of numbers in ascending/descending order
8. C program to find largest/smallest number from a given set of numbers
9. Scilab Expt. 1 (problem from Quantum Mechanics)
10. Scilab Expt. 2 (problem from Quantum Mechanics)

- **Group-II**

1. Cardinal points by turn table method
2. Cardinal points by Newton's method
3. Refractive index of glass by Brewster's law
4. Diffraction at a Single Slit
5. Diffraction at cylindrical obstacle
6. Lloyd's single mirror
7. Double refracting prism
8. Diameter of Lycopodium powder
9. Spherical aberration
10. Absorption spectrum of a liquid (KMnO_4 solution)

- **Group-III**

1. Self Inductance by Owen's Bridge
2. Measurement of B_H , B_V and θ using Earth Inductor /Hysteresis by magnetometer method
3. Mutual inductance using Ballistic galvanometer.
4. Resistance of B.G. by half deflection method
5. e/m of Electron By Thomson's Method/Calibration of wire by Carey Foster bridge
6. Calibration of wire by Griffith's method

7. Absolute capacity of condenser
8. I-V characteristics of Solar Cell
9. Band gap energy of semiconductor using p-n junction diode
10. Determination of Plank's constant by using LED

• **Group-IV**

1. To verify the truth tables of NAND, NOR, Ex-OR and Ex-NOR gates by using basic gates with IC-74 series.
2. To verify the De-Morgan's theorems by using IC-74 series.
3. To design a single stage CE amplifier of given gain using voltage divider bias.
4. To built and test Colpitts oscillator using BJT.
5. To built and test phase shift oscillator using BJT.
6. To determine A.C. and D.C. sensitivity of the C.R.O. and to measure unknown frequency.
7. To design and test an astable multivibrator using IC-555 Timer.
8. To design and test monostable multivibrator using IC-555 Timer.
9. To study Op-amp as an inverting amplifier.
10. To study Op-amp as Schmitt trigger.

Skill Testing Experiments

• **Group-V-A**

1. Study of divergence of LASER beam
2. Measurement of wavelength of LASER using plane diffraction grating
3. Schuster's method and optical leveling of spectrometer
4. Obtaining Biprism fringes without lateral shift
5. Measurement of distance between two coherent sources in Biprism experiment
6. Polar graph using photocell/photovoltaic cell
7. Study of quantum tunneling effect using tunnel diode
8. Testing of electronic components
9. C program – Edit, save and execute given C program
10. C program – Edit, save and execute given C program

- **Group – V-B**

1. Radius of Capillary bore using mercury thread
2. Determination of lattice constant using given XRD powder pattern
3. Estimation of errors
4. Measurement of phase shift of RC network using CRO
5. Study of Half and Full adder
6. Simplification of digital circuit using Boolean laws (paper-work).
7. Measurement of resistance of galvanometer (Kelvin's method)
8. Electrical wiring of bulb, switch and plug.
9. Tracing of given electronic circuit/ build the given circuit using breadboard
10. Assembling of given electronic circuit(soldering method)

- **Group VI: Assessment of Annual Work of a Student**

1. Certified Laboratory Journal.
2. Study Tour Report.
3. Seminar Report (2 Seminars) / Project work.

- **Reference Books for practical**

1. Advanced Practical Physics for students, B.L. Flint & H.T. Worsnop, 1971, Asia Publishing House.
2. Advanced level Physics Practical, Michael Nelson and Jon M. Ogborn, 4th Edition, reprinted 1985, Heinemann Educational Publishers
3. A Text Book of Practical Physics, Indu Prakash and Ramakrishna, 11th Edition, 2011, Kitab Mahal, New Delhi.
4. B.Sc. Practical Physics, C.L.Arora, S.Chand & Company Pvt.Ltd., New Delhi
5. B.Sc. Practical Physics, Harman Singh, Hemane, 2012 Edition.

- **Revised Scheme of Practical Examination for B. Sc. Part – III**

1. Practical examination will be conducted annually.
2. Practical examination will be conducted for three days per batch.
3. The examination will be conducted in two sessions per day and each session will be of three hours duration.

4. Every candidate should perform one experiment each from Groups I to IV and one experiment each from Group V-A and Group V-B (total 6 experiments).
5. Study tour anywhere in India is compulsory.
6. At least eighty percent practical should be completed by the student.
7. The marks distribution for practical is as below.

Practical groups	Marks
Group I	30
Group II	30
Group III	30
Group IV	30
Group VA-15, Group VB-15	30
Group VI	
I) Certified laboratory journal (certified Journal- 10 marks, neatness-5 marks, punctuality- 5 marks)	20
II) Study Tour Report	10
III) Seminar Report / Project Report	20
Total Marks	200

Nature of Question Paper

Theory: Time -2 hours, Marks-50

Question 1: Select the correct alternative (Compulsory 10 questions) 10 marks

(Four alternatives for each question)

Question 2: (Attempt any Two out of three) 20 marks

(Long answer type)

Question 3: (Attempt any four out of six) 20 marks

(Short answer type)

- **Note:** Equal weightage should be given to each unit.

SHIVAJI UNIVERSITY, KOLHAPUR.



NAAC 'A' Grade

Faculty of Commerce and Management

Syllabus For

B. Com. Part – III (Sem V & VI) (CBCS)

(To be implemented from June 2020 onwards)

(Subject to the modifications that will be made from time to time)

Shivaji University, Kolhapur
B.Com (CBCS Pattern) Part – III (Semester-V)
Modern Management Practice- Paper-I

Core Course

Introduced From June- 2020

Credit - 4

Objectives:

1. To impart knowledge of modern management
2. To understand concepts of CRM
3. To know the concepts of emotional and social intelligence
4. To understand the concept of lean and talent management

Unit-I	Contribution to Modern Management Practice a. Concept of Modern Management b. Contribution of Vijay Govindarajan: Three Box Solution and Reverse Innovation c. Contribution of C.K. Prahalad : The Fortune at the Bottom of the Pyramid. d. Michael Porter : competitive advantage.	15 periods
Unit-II	Emotional and Social Intelligence in Management a. Emotional Intelligence: Concept, Components, Importance of emotional intelligence in leadership, Advantages and Disadvantages of emotional intelligence, emotional intelligence skills b. Social intelligence: Concept, Importance, Advantages and Disadvantages of social intelligence, Models of emotional and social intelligence:	15 periods
Unit-III	Customer Relationship Management (CRM) and Supply Chain Management (SCM) a. Customer Relationship Management (CRM) : Concept, Importance, Elements, Process, e-CRM b. Supply Chain Management (SCM): Concept, Importance, Components, Process, Benefits of SCM	15 periods
Unit-IV	Lean Management and Talent Management a. Lean Management: Concept, Principles, Benefits and disadvantages, tools of lean Management, lean management best practices b. Talent Management: Concept, Importance, Process, Components, benefits	15 periods

Shivaji University, Kolhapur

B.Com (CBCS Pattern) Part – III (Semester-VI)

Modern Management Practice- Paper-II

Core Course

Introduced From June- 2020

Credit - 4

Objectives:

1. To impart knowledge of total quality management
2. To understand the Japanese and Chinese Management Practices
3. To know the concept of Event and Performance Management
4. To understand the concept of time and stress management

Unit-I	Total Quality Management (TQM) and Quality Standards a. Total Quality Management (TQM) : Concept, Principles, Elements of TQM, Benefits and Disadvantages of TQM b. Quality Standards: Benchmarking(concept and types) Six Sigma,(concept and levels) ISO: 9000, (Importance and elements)	15 periods
Unit-II	Japanese and Chinese Management Practice a. Japanese Management: Concept, Characteristics and 8 Key Japanese Quality Management techniques b. Chinese management: Concept, Characteristics, Chinese Leadership Style, Difference between Chinese and Western Management	15 periods
Unit-III	Event and Performance Management a. Event Management: Concept, Importance, Procedure, Types of events, benefits of event Management b. Performance Management : Concept, Evolution, Need, Process of Performance Management	15 periods
Unit-IV	Time and Stress Management a. Time Management: Concept, Importance, Techniques b. Stress Management: Meaning of Stress, Causes, Effects, Techniques of stress management	15 periods

B.Com III (Semester- V) Under CBCS**Paper I : CC-C3 : Business Regulatory Framework**

Credit –I	Law of Contract- 1872	Hours
	Definition of Business Law and its sources Definition of contract, Essential element and Kinds of Contract Offer and Acceptance, Capacity of Parties, Consideration, Free Consent and Legality of objectives, Void Contracts Discharge of Contract, Remedies for breach of contract	15 Hrs
Credit-II	Labour Laws	15 Hrs
	A) Employees Provident Fund Act- 1952- Meaning and its applicability criteria, Rates of Contribution , Periodicity of Payment and Return, Mandatory Records, Consequences of Non compliances	5 Hrs
	B) Employees State Insurance Act-1948- Meaning and its applicability criteria, Rates of Contribution , Periodicity of Payment and Return, Mandatory Records, Consequences of Non compliances	5 Hrs
	C) Payment of Gratuity (Amendment)Act-2018- Meaning and its applicability criteria, Rates of Contribution , Payment calculation, Mandatory Records, Consequences of Non compliances	5 Hrs
Credit-III	Sale of Goods Act,1932 and Goods and Services Tax(GST)	15 Hrs
	A) Sale of Goods Act- Contract of Sale of goods concept and essentials, Sale and Agreement to sell, Conditions and Warranties, Performance of Contract of Sale	10 Hrs
	B) Goods and Services Tax- Basic framework of GST, Applicability criteria, General understandings of legal provisions regarding invoices, GST Returns , Consequences of Non compliances	5 Hrs
Credit- IV	Indian Partnership Act-1932 and Limited Liability Partnership Act-2008	15 Hrs
	A) Indian Partnership Act-1932- Partnership Deed meaning and general terms and conditions, Role and Responsibilities of Partners.	5 Hrs
	B) Limited Liability Partnership Act- 2008- Nature and Silent features of LLP, Incorporation of LLP, Limitations of liability of LLP and Partners, Difference between Partnership and LLP.	10 Hrs

Reference-

- 1) Business Law- Kavita Krishnamurthi
- 2) Essentials of Business and Industrial Laws- B.S. Moshal
- 3) Business Law- M.C. Kuchhal
- 4) Elements of Mercantile Law- N.D. Kapoor
- 5) Mercantile Law- Arun Kumar
- 6) Mercantile Law- S.S.Gulshan
- 7) The Principles of Mercantile Law- Avtarsingh
- 8) Commercial and Industrial Law-A.K. Sen and J.K. Mitra
- 9) Textbook on Indian Partnership Act with Limited Liability Partnership Act- by Madhusudan Saharay
- 10) GST – Law and Procedure by Anananday Mishra – Taxman

B.Com III (Semester- VI) Under CBCS

Paper II : CC-C4 : Business Regulatory Framework

Credit- I	Company Act- 2013 Meaning, Features and Types of Company, Process of Incorporation of Company, Role, Responsibilities and Powers of Directors, Auditors and Company Secretary. Rights of Share holders, Company meetings and Resolutions Winding up of Company	15 Hrs
Credit-II	Security Exchange Board of India Act-1992, Consumer Protection Act-1986 and Competition Act-2002	15 Hrs
	A) Security Exchange Board of India Act-1992(SEBI)- Role , Powers and Functions of SEBI, Listing and Trading of Securities	5 Hrs
	B) Consumer Protection Act-1986- Definitions- Consumer, Complaint, Complainant, Unfair Trade Practices, Restrictive Trade Practices, Rights of Consumer, Consumer Redressal Agencies- Composition and Jurisdiction.	5 Hrs
	C) Competition Act-2002- Objectives, Powers and duties of Competition Commission	5 Hrs
Credit-III	Business Transactions and Cyber Laws	15 Hrs
	a) E-commerce: Nature, formation, legality and recognition b) Intellectual Property Rights: Patent, Copy Right, Trademark and Industrial Design (only concepts) c) Digital Signature: Need, formation, functions, Digital Significance Certificate and Revocation of Digital Signature d) Cyber crimes and offences e) Penalties for cyber crimes	
Credit-IV	Negotiable Instrument (Amendment) Act-2015	15 Hrs
	Meaning and Features of Negotiable instrument, Kinds of Negotiable instrument, Promissory Note, Bill of Exchange and Cheque, Crossing of Cheque and Its kinds- Dishonour of Negotiable instrument and its consequences and Remedies thereon	

Reference Books:

- 1) Business Law- M.C. Kuchhal
 - 2) Business Law- KavitaKrishanmurthi
 - 3) Cyber Laws- Dr. Farooq Ahmed
 - 4) Elements of Company Law- V.S. Datey
 - 5) The Consumer Protection Act- ArshadSubzawari
 - 6) The Consumer Protection Act- C.M. Dhopare
 - 7) Cyber Laws- Krishna Kumar
 - 8) Consumer Protection Act- Niraj Kumar
 - 9) SEBI Act- Agarwal and Baby- Taxman
 - 10) Competition Act- Dr.Rattan- Bharat Publication
- Concerned Bare Act should be referred

Nature of Question Paper

Total Marks-40

Instructions – 1) All questions carry equal marks.

2) Attempt any FIVE Questions out of seven

Q.1	Short Notes (Any Two)	4 Marks Each
Q.2	Long Answers	8 Marks
Q.3	Long Answers	8 Marks
Q.4	Long Answers	8 Marks
Q.5	Long Answers	8 Marks
Q.6	Long Answers	8 Marks
Q.7	Short Answers (Any Two)	4 Marks Each

B.Com. Part-III; SEM-V - Under CBCS
Paper-I : CC-C5 : Cooperative Development

Course Outcomes:

1. To study the meaning and principles of Co-operation.
2. To study the agricultural and Non-agricultural Credit Co-operative institutions.
3. To study the Co-operative credit system
4. To Study the important cooperative organizations

Expected Skills Impartation

1. Ability to explain cooperatives principles
2. Ability to applications of cooperative principles
3. Interpretation and comparison of different cooperative organizations

Marks : 40

Total Lectures of Teaching : 60

Credits : 4

Unit-1:	Introduction to Co-operative movement in India <ol style="list-style-type: none"> 1.1. Meaning, definition and features of Co-operation. 1.2. Principles of Co-operation - ICA and Manchester Principles 1.3. Role of Co-operation in economic development. 1.4. Review of Committees on Cooperative Development since 1991 (Vaidhyanathan Committee, Shivajirao Patil Committee and Kuraian and Alagh Committee) 	15 Periods
Unit-2:	Agricultural Co-operatives in India <ol style="list-style-type: none"> 2.1. Co-operative Marketing- Types, functions, problems and remedies 2.2. NAFED- Objectives, Management, Functions and Progress 2.3. Co-operative Farming - Types, problems and remedies 2.4. Role of Dairy Cooperatives - National Dairy Development Board. 	15 Periods
Unit-3:	Co-operative Banking & Credit Societies in India <ol style="list-style-type: none"> 3.1. Review of Co-operative credit movement - Three Tier and Two Tier Structure 3.2. Primary Agricultural Cooperative Societies -Functions, Problems and Remedies 3.3. DCC Banks - Administrative Structure, Progress, Problems and Remedies 3.4. State Cooperative Banks - Administrative Structure, Progress, Problems and Remedies 	15 Periods
Unit-4:	Important Cooperative Organizations in India <ol style="list-style-type: none"> 4.1. Urban Cooperative Banks - Types, Management, Progress and Problems 4.2. Non-Agriculture Credit Cooperatives - Functions and Problems 4.3. Consumer Cooperatives - Types, Role and Problems 4.4. Sugar Co-operatives - Role, Progress, problems and remedies 	15 Periods

References :

1. Dwivedi Ramesh Chandra, (2005), 'Hundred Years of Cooperative Movement in India'-Centre for Promotion of Cooperativism
2. Garg M. C. And Joshi N. N., (2009), 'Cooperative Credit And Banking –Strategies For Development', Deep And Deep Publication, New Dehli-110027
3. Hajela T.N., (1994) Cooperation: Principles, Problems and Practice, Konark Publishers, New Delhi.
4. Krishnaswamy O.R. and Kulandhiswamy V., (2000) Cooperation: Concept and Theory, Arudra Academy,
5. Kulkarni P. R. (2007) Laws of Co-operative Banking', Macmillan Publisher India Ltd. pp. 24-25 (2007)
6. Maharashtra Rajya Sahakari Dudh Mahasangh Maryadit <http://www.mahanand.in/>
7. NAFED <http://www.nafed-india.com>
8. Nakkiran S (2006) Cooperative Management : Principles and Techniques, Deep and Deep, New Delhi, 2006
9. National Dairy Development Board- <https://www.nddb.coop/>
10. Review of Co-operative Movement in India's Agricultural Credit Department, RBI. pp. 59-60, (1955)
11. Strickland C.F., (2010) 'An Introduction To Cooperation In India' Humphery Milford Oxford University Press.
12. The Maharashtra Co-operative Quarterly, The Maharashtra Rajya Shahakar Sanghah

B.Com. Part-III; SEM-VI - Under CBCS
Paper-II : CC-C6 : Cooperative Development

Course Outcomes:

1. To study the cooperative legislations and fund management
2. To understand the institutional arrangement for cooperative education and training
3. To understand the nature, registration, legislation and audit of housing cooperatives
4. To understand the cooperative audit system and provisions

Expected Skills Impartation

1. Legal understanding and interpretation skills
2. Ability to explain legal and technical provisions about cooperatives

Marks : 40		Total Lectures of Teaching : 60	Credits : 4
Unit-1:	Cooperative Laws and Legislation In India 1.1. Important Provisions under Maharashtra Co-operative Societies Act, 1960 1.2. Salient Features of Multi-State Co-operative Societies Act 2002 1.3. Liquidation Process- Appointment, Rights and Duties of Liquidator 1.4. Legal Provisions regarding Assets and Fund Management of Cooperatives - (Classification of Funds, Profit, Reserve Fund, Dividend, Expenses on social Activities, Investment of Funds etc)	15 Periods	
Unit-2:	Cooperative Education and Training In India 2.1. Need and Importance of Cooperative Education and Training 2.2. National Council for Cooperative Training- Organizational Structure & Functions 2.3. VAMNICOM -Objectives, Centers, Training Programmes 2.4. Career Opportunities in Cooperative Sector - GDC&A Certification	15 Periods	
Unit-3:	Cooperative Housing Societies In India 3.1. Meaning, Types and Registration Process of Housing Cooperatives 3.2. Maharashtra Co-operative Housing Society Model Bye Laws 3.3. Importance and Problems of Housing Societies 3.4. Audit of Co-operative Housing Societies- Nature and Elements	15 Periods	
Unit-4:	Cooperative Registrar & Audit In India 4.1. Powers and responsibilities of registrar 4.2. Cooperative Audit - Concept, Scope, Types of Audits 4.3. Internal Audit-Nature- Duties of Internal Auditor 4.4. Responsibilities and powers of cooperative auditor	15 Periods	

References :

1. Hajela T.N., (1994) Cooperation: Principles, Problems and Practice, Konark Publishers, New Delhi.
2. Indian Institute of Banking And Finance, (First Pub. 2007), 'Law of Cooperative Banking', Macmillan India Ltd. New Delhi
3. Kulkarni P. R. (2007) Laws of Co-operative Banking', Macmillan Publisher India Ltd. pp. 24-25 (2007)
4. Maharashtra Rajya Sahakari Dudh Mahasangh Maryadit <http://www.mahanand.in/>
5. Review of Co-operative Movement in India's Agricultural Credit Department, RBI. pp. 59-60, (1955)
6. Maharashtra Co-operative Societies Act, 1960
7. Maharashtra Co-operative Societies Act, 1960 by G. M.Divekar (Vol-I and II)
8. National Cooperative Development Corporation (NCDC) - <http://www.ncdc.in>
9. National Cooperative Housing Federation of India- <https://www.nchfindia.net/>
10. National Federation of State Cooperative Banks Ltd -http://nafscob.org/about_f.htm
11. National Cooperative Consumers' Federation Of India Limited- <http://nccf-india.com/>
12. National Council for Cooperative Training- <http://ncct.ac.in>
13. Dhananjayrao Gadgil Institute of Cooperative Management -<http://www.dgicmnagpur.com>

EQUIVALENCE OF THE PAPERS / COURSES

Sr	Existing title of the Paper	Revised Title of the paper
1	Co-operative Development Paper – I	Co-operative Development Paper – I
2	Co-operative Development Paper – II	Co-operative Development Paper – II

Nature of question paper for B.Com -III Co-operative Development

Semester V & VI (Paper No. I to II)

Attempt any five questions.

Total marks 40

Q1. Write short answers (any two out of three)	08
Q2. Broad question	08
Q3. Broad question	08
Q4. Broad question	08
Q5. Broad question	08
Q6. Broad question	08
Q7. Write short notes (any two out of three)	08

B.Com Part III Semester – V (CBCS)

Paper I : CC-C7 : Business Environment

(Indian Economic Environment)

(Compulsory Paper)

Credits : 4

COURSE OUTCOMES:

- 1 Student should able to understand the significance and position of Indian economy at the world level.
- 2 Students should study the scenario of agricultural and industrial sectors.
- 3 Student should aware regarding Indian economy is facing some of the fundamental economic problems. They should able to make plans and solutions to these being as a citizen.
- 4 Student should understand the correlations between economical and social problems.

Unit No.	Unit Name	Periods
1	Business Environment 1.1 Concept 1.2 Components 1.3 Importance 1.4 Business environment and sustainable development	15
2	Agricultural Development 2.1 Present status of Indian Agriculture and Agricultural crisis 2.2 Agricultural Marketing-Problems, Agricultural price policy 2.3 Food security in India 2.4 National Commission on farmers- Agricultural Renewal Action Plan	15
3	Industrial Development 3.1 Industrial policy -1991 3.2 Concepts of Micro, Small and Medium Enterprises (MSMEs) 3.3 Progress of industrial sector in globalization era 3.4 Trade union movement – Problems and measures.	15
4	Problems of Indian Economy 4.1 Features of Indian population 4.2 Unemployment and poverty – causes and remedies 4.3 Inequality of Income and wealth, Black Money - Causes and remedies 4.4 Problems of rural and urban economy	15

References –

1. Mead R. (2004) International Management: Cross Cultural Dimensions, 3rd ed. New York Wiley
2. Vyuptakesh Sharan, (2004) International Business: Concept, Environment and Strategy, Pearson education, Singapore
3. Yarbrough B V (2005) The World Economy: Trade and Finance, 7th Ed Thomas south western USA
4. Manab Adhikari, Global (2006) Business Management(An International economic environment), Macmillan India Ltd
5. Hill C.W. L. and Jain A. K. (2007) International Business Competing in Global market Place, McGraw Hill New Delhi
6. Graham John L, Salwan Prashant, Cateora Philip R, (2008) International Marketing 13th Ed. Tata McGraw- Hill,
7. Jeevnandam C. International Business S.Chand New Delhi 2008
8. Paul Justein International Business, 5th Ed (2011) Prentice Hall of India, Pvt Ltd new Delhi
9. Keegan Warren J. and Green Mark C. Global Marketing, 4th Ed. (2009) Prentice Hall India, Pvt Ltd
10. Bhalla V. K. and Ramu S.S. (2009) International Business Environment, Anmol Prakashan New Delhi
11. Varshney R.L. and Bhattacharya B, (2012) International Marketing Management -An Indian Perspective, 24th Ed S.Chand New Delhi.

12. Dutt and Sundaram K P M, Indian Economy S. Chand Delhi

13.Dutt Ruddar Economic Reforms in India –A Critique, S Chand , New Delhi.

14.Mishara S K and PuriV K - Indian Economy, Himalaya Publishing House

15. Namboodripad E M S, Indian Planning and Crises, National book Center New Delhi.

16.Sundaram and Black The International Business Environment Prentices New Delhi

Equivalence of the paper

Existing Title of the Paper	Revised Title of the Paper
Business Environment Paper I	Business Environment Paper I

B.Com Part III Semester - VI– (CBCS)
Paper II : CC-C8 : Business Environment
 (Indian Economic Environment)
 (Compulsory Paper)
 Credits : 4

COURSE OUTCOMES:

1. Students will understand the Indian and global economic environment.
2. Students will equip with proper knowledge of Indian economic planning.
3. Students will enable with the knowledge of the plans and strategies toward foreign capital and multinational corporations.
4. Students will get acquainted with the functions, mechanism and performance of international financial, trade and regional cooperation institutions.

Unit No.	Unit Name	Periods
1	Liberalization, Privatization and Globalization 1.1 Concepts 1.2 Implementation and impact on Indian Economy. 1.3 Composition and direction of foreign trade in the Globalization era 1.4 Balance of payments crisis	15
2	Economic Planning and Service Sector 2.1 Economic planning – Broad objectives 2.2 NITI Aayog – Structure and functions 2.3 Planning process through NITI Aayog 2.4 Service Sector – Importance and progress of service sector in Indian economy.	15
3	Foreign Capital and Multinational Corporations 3.1 Need of foreign capital in India, 3.2 Policy of Government of India. 3.3 Multinational corporations- Definition, merits and demerits. 3.4 Exchange rates and Indian Rupee	15
4	International Institutions (Objectives and performance) 4.1 IMF 4.2 IBRD 4.3 WTO 3.3 SAARC	15

References

1. Mead R. (2004) International Management: Cross Cultural Dimensions, 3rd ed. New York Wily
2. Vyuptakesh Sharan, (2004) International Business: Concept, Environment and Strategy, Pearson education, Singapore
3. Yarbrough B V (2005) The World Economy: Trade and Finance, 7th Ed Thomas south western USA
4. Manab Adhikari, Global (2006) Business Management(An International economic environment), Macmillan India Ltd
5. Hill C.W. L. and Jain A. K.(2007) International Business Competing in Global market Place, McGraw Hill, New Delhi
6. Graham John L, Salwan Prashant, Cateora Philip R, (2008)International Marketing 13th Ed. Tata McGraw- Hill.
7. Jeevnandam C. International Business S.Chand, New Delhi 2008
8. Paul Justein International Business, 5th Ed (2011)Prentice Hall of India, Pvt Ltd new Delhi

9. Keegan Warren J. and Green Mark C. Global Marketing, 4th Ed.(2009) Prentice Hall India, Pvt. Ltd.

10. Bhalla V. K. and Ramu S.S.(2009) International Business Environment, Anmol Prakashan, New Delhi.

11. Varshney R.L. and Bhattacharya B, (2012) International Marketing Management -An Indian Perspective, 24th Ed S. Chand, New Delhi.

12. Dutt and Sundaram K P M, Indian Economy, S. Chand, New Delhi.

13. Dutt Ruddar, Economic Reforms in India –A Critique, S Chand , New Delhi.

14.Mishara S K and Puri V K - Indian Economy, Himalaya Publishing House.

15. Namboodripad E M S, Indian Planning and Crises, National Book Center, New Delhi.

16.Sundaram and Black The International Business Environment, Prentices, New Delhi

Equivalence of the papers

Existing Title of the Paper	Revised Title of the Paper
Business Environment Paper II	Business Environment Paper II

Nature of question paper for B.Com - III
Semester V and VI (Paper No. I to II)

Attempt any five questions.

Total Marks 40

Q1. Write short answers (any two out of three)	08
Q2. Broad question	08
Q3. Broad question	08
Q4. Broad question	08
Q5. Broad question	08
Q6. Broad question	08
Q7. Write short notes (any two out of three)	08

B.Com (CBCS) Part-III (Semester-V)
Paper – I : DSE-A1 : Advanced Accountancy
Discipline Specific Course

4 Credits

Course Outcomes:

1. Practice the preparation of financial statements of banks.
2. Demonstrate accounting for farms and hire purchase system.
3. Simulate accounting situations of insurance claim.
4. Explain the accounting process on Tally with GST.

Syllabus Content

Unit- I Bank Final Accounts (Vertical Format Only) 20 Lectures

Unit- II a) Farm Accounting 10 Lectures

b) Hire purchase system-Excluding Hire purchase Trading Account 10 Lectures

Unit- III Insurance Claim- Loss of stock and Loss of profit policy 10 Lectures

Unit- IV GST Accounting with practical's using Tally part – I 10 Lectures
Theory

Introduction to GST on Goods, Introduction, Indirect Taxation prior GST, GST Implementation in India, Why GST was introduced in India? Understanding GST Taxation System, Dual GST, Structure of GST, Determination of Tax, Registration, GSTIN Structure, Businesses Liable to Register under GST, Tax Invoice, Bill of Supply, Supplementary Invoice, Input Tax Credit Set Off, GST Returns, Payment of Tax.

Practical:

- a) Getting Started with GST (GOODS) in Tally ERP 9, Basic Concepts in GST, Configuring GST in Tally. ERP 9, Company Setup, Enabling Goods & Services Tax (GST),
- b) GST Classifications, Creating Masters, Creating Purchase Ledger, Creating Sales Ledger, Creating GST Ledger, Creating Party Ledger, Creating Stock Items
- c) Entering Transactions, Creating Purchase Invoice with GST, Creating Sales Invoice with GST, Printing Sales invoice
- d) GST Reports, GST Tax Payment

Reference Books:

- 1) Gupta, S. C.; Gupta, M. P.; Shukla, M. C.; Agrawal, B. M. and Grewal, T. S. (2019). Advanced Corporate Accounting, S. Chand & Company, New Delhi.
- 2) Shukla, M. C.; Grewal, T. S. and Gupta, S. C.; (2016). Advanced Accounts, S. Chand & Company, New Delhi.
- 3) Arulnandan, M. A. and Raman, K. S. (2018). Advanced Accountancy (Corporate Accounting) Vol. II, Himalaya Publishing House, Mumbai.
- 4) Gupta, R. L. and Radhaswamy, M. (2018). Advanced Accountancy Vol. II, Sultan Chand and Sons; New Delhi.
- 5) Maheshwari, S. N.; Maheshwari, Suneel and Maheshwari, Sharad K. (2018). Corporate Accounting. Vikas Publication House, New Delhi.

- 6) Jain, S. P.; Narang, K. L.; Agrawal, Simmi and Sehgal, Monik (2018). Advanced Accountancy Vol. I & II, Kalyani Publishers, New Delhi.
- 7) Hanif, M. and Mukharjee, A (2018). Modern Accountancy Vol. II, McGraw Hill Education India (Private) Ltd., Noida.
- 8) Chakraborty, Hrishikesh, Advanced Accountancy, Oxford University Press
- 9) Chougule, Rajan (2011). Computerized Accounting, Kolhapur.

Journals:

- 1) Indian Journal of Accounting
- 2) Chartered Accountant
- 3) Management Accountant

Nature of Question Paper
 B.Com (CBCS) Part-III (Semester-V)
 Advanced Accountancy Paper-I
 Discipline Specific Course
 (Introduced from June-2020)

Instructions:	i)	All the questions are compulsory.	Total : 40 Marks
	ii)	Figures to the right indicate full marks.	
	iii)	Use of calculator is allowed.	
Question 1	Problem on Bank Final Accounts (This problem should be on Profit & Loss Account, Balance Sheet alongwith required schedules)		16 Marks
Question 2	Attempt any two questions (out of three): (These questions will be practical problems on Unit-II & III)		16 Marks
Question 3	Write short notes (Attempt any two out of four)		08 Marks

Notes:

- 1) Practical examination for 10 marks will be conducted on Unit-IV of Paper-I.
- 2) External examiner will be appointed by the university to conduct this practical examination.
- 3) There will be 40 marks for University Written examination and 10 marks for practical examination. Thus Total marks will be 50.

B.Com (CBCS) Part-III (Semester-V)
Paper – II : DSE-A2 : Advanced Accountancy (Auditing)
Discipline Specific Course

4 Credits

Course Outcomes:

1. To understand the concept and types of audit
2. To identify the residential status and its implication on tax liability
3. To understand the concept of exemption from income
4. To know the computation of income from various sources as well as total income

Syllabus Content

Unit- I	Nature and Scope of Audit: Audit – Meaning and Nature, Scope of Audit, Objectives of Audit, Relationship of Audit with other disciplines, Difference between Audit and Investigation, Basic Principles Governing Audit, Statutory Audit, Internal Audit, Cost Audit, Tax Audit, Management Audit, Concept of Vouching, Verification and Valuation.	15 Lectures
Unit- II	Audit of Specific Items in Financial Statements: A) Audit of sale of Products and Services; Audit of Interest Income, Rental Income, Dividend Income, Net gain/loss on sale of Investments; Audit of Purchases, Depreciation, Interest expense, Rent, Repair to building, Repair to Machinery, Insurance, Taxes, Travelling Expenses, Miscellaneous Expenses B) Audit of Share Capital, Reserve & Surplus, Long Term Borrowings, Trade Payables (creditors), Provisions, Short Term Borrowings and Other Current Liabilities, Audit of Land, Buildings, Plant and Equipment, Furniture and Fixtures, Goodwill, Brand/Trademarks, Computer Software, Audit of Loans and Advances, Trade Receivables, Inventories, Cash and Cash Equivalents, Other Current Assets, Audit of Contingent Liabilities.	15 Lectures
Unit- III	Company Audit: Eligibility, Qualifications and Disqualifications of Auditors; Appointment of auditors; Removal of auditors; Remuneration of Auditors; Powers and duties of auditors; Branch audit; Joint audit; Reporting requirements under the Companies Act, 2013 including CARO.	15 Lectures
Unit- IV	Special Audit and Audit Report: Audit of special entities like Bank, Insurance Companies, Charitable Trust, Hotel and Hospital, Elements of Audit Report; Types of Reports – Clean, Qualified, Adverse, Disclaimer of Opinion;	15 Lectures

Reference Books:

- 1) Tandon B.N., : Practical Auditing, S.Chand, New Delhi
- 2) Kumar, A., Sharma, R.; : Auditing Theory and Practice, Atlantic Publishers, New Delhi
- 3) Johnson S., Wiley L. : : Auditing – A Practical Approach, Wiley Publishing House
- 4) Garg Pankaj : Auditing and Assurance, Taxmann Publications, New Delhi
- 5) Bansal, Surabhi : Auditing and Assurance, Wolters Kluwer Publication
- 6) Sekhar G, Prasath B. : Auditing and Assurance, Taxmann, New Delhi
- 7) Dinkar Pagare :
- 8) The Institute of Chartered Accountants of India, Study Material for CA Inter/Final for Auditing

Nature of Question Paper
B.Com (CBCS) Part-III (Semester-V)
Advanced Accountancy Paper-II
(Auditing)
Discipline Specific Course
(Introduced from June-2020)

Instructions:	i)	All the questions are compulsory.	Total : 40 Marks
	ii)	Figures to the right indicate full marks.	
Question 1	Long Answer Questions A) 8 Marks B) 8 Marks		16 Marks
Question 2	Attempt Any Two (out of three)		16 Marks
Question 3	Write short notes (Attempt any two out of four)		08 Marks

B.Com (CBCS) Part-III (Semester-VI)
Paper- III : DSE-A3 : Advanced Accountancy
Discipline Specific Course

4 Credits

Course Outcomes:

1. Practice the preparation of financial statements of banks.
2. Demonstrate accounting for farms and hire purchase system.
3. Simulate accounting situations of insurance claim.
4. Explain the accounting process on Tally with GST.

Syllabus Content

Unit- I Elements of Cost - Material, Labour, & Overheads, 10 Lectures
Preparation of Cost Sheet, Quotation

Unit- II	Financial Statement Analysis:	20 Lectures
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a) Financial Statement Analysis- Meaning, types, Limitations of financial statements, Meaning and Need of financial statement analysis and Techniques of financial statement analysis.

(b) Ratio Analysis– Meaning, Advantages and Limitations, Classification of Ratios- Profitability Ratios, Turnover Ratios, Solvency Ratios and Liquidity Ratios.

Unit- III Cash Flow Analysis: 15 Lectures

Meaning of Cash Flow Analysis, Classification of Cash flows- Cash flow from Operating Activities, Cash flow from Investing Activities and Cash flow from Financing Activities, Cash and Cash equivalents, Extra-ordinary items, Preparation of Cash Flow Statement (As per AS-3)

Unit- IV	GST Accounting with practicals using Tally part - II	15 Lectures
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Theory:

4. Introduction to GST on Services, Existing Registration, Supply of Goods and Services, Scope of Supply, Place of Supply, Time of Supply, Value of Supply ,Mixed Supply and Composition Supply, Accounting for

Return of Goods, Sales Returns, Purchase Returns, Credit Note, Debit Note, GST on Services, GST Reports & GST Returns

Practical:

- a) Getting Started with GST in Tally ERP 9, Basic Concepts in GST, Configuring GST in Tally.ERP 9, Company Setup, Enabling Goods & Services Tax (GST), GST Classifications
- b) Creating Masters, Creating Purchase Ledger, Creating Sales Ledger, Creating GST Ledger, Creating Party Ledger, Creating Stock Items
- c) Entering Transactions, Creating Purchase Invoice with GST, Creating Sales Invoice with GST, Printing Sales invoice, Accounting for Return of Goods, Sales Returns, Purchase Returns
- d) Accounting for GST on Services
- e) GST Reports, Generating GSTR-1 Report in Tally.ERP 9, Generating GSTR-2 Report in Tally.ERP 9, GST Tax Payment, Time line for payment of GST tax, Modes of Payment, Challan Reconciliation, Exporting returns and uploading To GSTIN

Notes:

- 1) Practical problems in the university examinations will be asked on Unit-I, II & III (however, problems on Unit-II shall be asked on Ratio Analysis only).
- 2) College should make a provision of necessary computers and accounting software for commerce department to train the students in Tally with GST as prescribed in the syllabus.
- 3) A visit should be arranged for increasing awareness of students regarding Tally with GST either in any business unit, Company Office or the Office of any Chartered Accountant/ Professional Accountant.

Reference Books:

- 1) Advanced Cost Accounting - N K Prasad
- 2) Cost Accounting - Jain & Narang
- 3) Cost Accounting – Ravi M Kishore Taxman
- 4) Principles of Management Accounting - Manmohan Goyal
- 5) Management Accounting - I. M. Pandey
- 6) Cost & Management Accounting - Jain & Narang
- 7) Advanced Accountancy - R. R. Gupta
- 8) Cost and Management Accounting M N Arora Vikas Publication
- 9) Cost and Management Accounting T Thukaram Rao
- 10) Fundamentals of Management Accounting- I M Pandey
- 11) Cost and Management Accounting- Horngreen and Datar and others

Journals:

- 4) Indian Journal of Accounting
- 5) Chartered Accountant
- 6) Management Accountant

Nature of Question Paper
B.Com (CBCS) Part-III (Semester-VI)
Advanced Accountancy Paper-III
Discipline Specific Course
(Introduced from June-2020)

Instructions:	i)	All the questions are compulsory.	Total : 40 Marks
	ii)	Figures to the right indicate full marks.	
	iii)	Use of calculator is allowed.	
Question 1	Problem		16 Marks
Question 2	Attempt any one problem (out of two)		16 Marks
Question 3	Write short notes (Attempt any two out of four)		08 Marks

Notes:

- 1) Practical examination for 10 marks will be conducted on Unit-IV of Paper-III.
- 2) External examiner will be appointed by the university to conduct this practical examination.
- 3) There will be 40 marks for University Written examination and 10 marks for practical examination. Thus Total marks will be 50.

B.Com (CBCS) Part-III (Semester-VI)
Paper – IV : DSE-A4 : Advanced Accountancy (Taxation)
Discipline Specific Course

4 Credits

Course Outcomes:

1. To understand the basic concepts of income tax and basis of charge
2. To identify the residential status and its implication on tax liability
3. To understand the manner of computation of total income
4. To know the basic concepts about GST

Unit- I	Basic Concepts:	15 Lectures
	A) Meaning of Income Tax, Basis of Charge, Rates of Tax, Concepts of Previous Year, Assessment Year, Person, Income, Assessee.	
	B) Residential Status and Taxability - Meaning of Residential Status, Provisions for determination of Residential status and tax liability in respect of individual and HUF, Determination of Residential Status of Firms and Companies.	
Unit- II	Exemptions and Deductions from total income (in respect of individual only)	10 Lectures
Unit- III	Heads of Income, Computation of total income and tax liability: Income from Salary, Income from House Property, Income from Business/Profession, Income from Capital Gain, Income from Other Sources, Computation of Gross Total Income and Tax Liability in respect of Individuals only.	25 Lectures
Unit- IV	Basics of GST: Meaning and Features of GST, Benefits of GST, Need of GST, Constitutional Provisions of GST, Levy and Collection of GST, Introduction to CGST, SGST, IGST, UTGST.	10 Lectures

Reference Books:

- 1) Singhania, V.K. : Students' Guide to Income Tax, Taxmann Publication, New Delhi
- 2) Manoharan, T.N. : Direct Taxes : Snow White Publications, New Delhi
- 3) Singhania, Monica : Students' Guide to Income Tax and GST, Taxmann, New Delhi
- 4) Sury, M.M. : Goods and Services Tax in India,
- 5) Agarwal, CA VK : GST Guide for Students, Neelam Book House, Delhi
- 6) Datey, V.S. : GST Ready Reckoner, Taxmann, New Delhi
- 7) Thakkar, Vishal : GST for the Layman, TV18Broadcast Ltd.,

- 8) Kadkol M.B., Income Tax : Law and Practice,
- 9) Mehta : Income Tax Ready Reckoner
- 10) The Institute of Chartered Accountants of India, Study Material for CA Inter/Final for Taxation

Nature of Question Paper
B.Com (CBCS) Part-III (Semester-VI)
Advanced Accountancy Paper-IV
(Taxation)
Discipline Specific Course
(Introduced from June-2020)

Instructions:	i)	All the questions are compulsory.	Total : 40 Marks
	ii)	Figures to the right indicate full marks.	
Question 1	Practical Problem (Computation of Taxable Income and Tax Liability)		16 Marks
Question 2	Practical Problems -Attempt Any Two (out of three)		16 Marks
Question 3	Write short notes (Attempt any two out of four)		08 Marks

B.Com (CBCS) Part-III (Semester-V)
Paper - I : DSE-C1 : Advanced Costing
Discipline Specific Course

4 Credits

Course Outcomes:

- 1) To understand the basic concepts of cost accounting.
- 2) To classify the cost and apply the same for cost determination.
- 3) To understand the cost accounting procedure in respect of materials.
- 4) To know the application of cost accounting in determination of labour cost.

Syllabus Content

Unit- I	Basics of Cost Accounting: Meaning:- Concepts of Cost, Costing, Cost Accounting, Cost Accountancy; Nature, Scope, objectives and importance of Cost Accounting; Difference between Cost Accounting, Financial Accounting and Management Accounting.	10 Lectures
Unit- II	Elements of Cost: Elements of Cost- Concepts of Material Cost, Labour Cost and Overheads; Classification of Cost, Cost Centre and Cost Unit, Cost Sheet, Tender and Quotation, Preparation of Cost Sheet.	15 Lectures
Unit- III	Material Cost: Storage of Material, Objectives of Store Keeping, Fixation of Stock Levels and Economic Order Quantity; Pricing of Issue of Material – FIFO, LIFO, Simple Average Method, Weighted Average Method.	15 Lectures
Unit- IV	Labour Cost: Labour Cost- Meaning and Importance, Time Keeping and Time Booking, Methods of Remuneration and incentives, Sound Wage policy (Characteristics and Factors considered for wage determination), Time Rate System, Piece Rate system, Taylor's Differential Piece Rate and Merrick's Differential / Multiple Piece Rate system, Halsey Plan and Rowan Plan.	20 Lectures

Reference Books:

- 1) Practical Problems in Cost Accounting- S. P.Jain and K. L Narang, Kalyani publishes New Delhi

- 2) Cost Accounting Methods and Problems – B. K. Bhar, Academic publishers Kolkatta
- 3) Cost Accounting- S. P.Jain and K. L Narang, Kalyani publishes New Delhi
- 4) Principles and Practices of Costing - Lal and Nigam, Himalaya publishing house.
- 5) Cost Accounting - Lal and Nigam, Himalaya publishing house
- 6) Cost Management : Ravi M Kishore, Taxmann Publications

Nature of Question Paper

B.Com (CBCS) Part-III (Semester-V)

Advanced Costing Paper-I

Discipline Specific Course

(Introduced from June-2020)

Instructions:	i)	All the questions are compulsory.	Total : 40 Marks
	ii)	Figures to the right indicate full marks.	
	iii)	Use of calculator is allowed.	
Question 1	Practical Problems		16 Marks
	A) 8 Marks }		
	B) 8 Marks }		
Question 2	Attempt Any Two Practical Problems (out of three)		16 Marks
Question 3	Write short notes (Attempt any two out of four)		08 Marks

B.Com (CBCS) Part-III (Semester-V) **Paper - II : DSE-E2 : Advanced Costing** Discipline Specific Course

4 Credits

Course Outcome:

- 1) To identify the meaning of overheads and its classification
- 2) To understand different methods of absorption of overheads.
- 3) To find out the reasons for difference between profit as per cost and financial accounts.
- 4) To understand meaning of activity based costing and its practical application.

Syllabus Content

Unit- I	Overheads: Meaning, Classification of Overheads, Concepts of Allocation, Absorption, Apportionment and Reapportionment of overheads.	15 Lectures
Unit- II	Absorption of Overheads: Meaning, Methods of Absorption: - Production Unit Method, Percentage on Direct Material Cost, Percentage on Direct Wages, Percentage of Prime Cost, Direct Labour Hour Method, Machine Hour Rate, Apportionment and Reapportionment of Overheads.	15 Lectures
Unit- III	Reconciliation of Cost And Financial Accounts: Need for Reconciliation of Cost and Financial Accounts. Preparation of Statement of Reconciliation of Cost and Financial Accounts.	15 Lectures
Unit- IV	Activity Based Costing: Meaning, Objectives, Advantages and Limitations of Activity Based Costing, Cost Drivers, Preparation of Statement of Cost as per Activity Based Costing.	15 Lectures

Reference Books:

- 1) Practical Problems in Cost Accounting- S. P.Jain and K. L Narang, Kalyani publishes New Delhi
- 2) Cost Accounting Methods and Problems – B. K. Bhar, Academic publishers Kolkatta
- 3) Cost Accounting- S. P.Jain and K. L Narang, Kalyani publishes New Delhi
- 4) Principles and Practices of Costing - Lal and Nigam, Himalaya publishing house.
- 5) Cost Accounting - Lal and Nigam, Himalaya publishing house
- 6) Cost Management : Ravi M Kishore, Taxmann Publications

Nature of Question Paper
B.Com (CBCS) Part-III (Semester-V)
Advanced Costing Paper-II
Discipline Specific Course
(Introduced from June-2020)

Instructions:	i)	All the questions are compulsory.	Total : 40 Marks
	ii)	Figures to the right indicate full marks.	
	iii)	Use of calculator is allowed.	
Question 1	Practical Problems C) 8 Marks } D) 8 Marks }		16 Marks
Question 2	Attempt Any Two Practical Problems (out of three)		16 Marks
Question 3	Write short notes (Attempt any two out of four)		08 Marks

B.Com (CBCS) Part-III (Semester-VI)
Paper - III : DSE-C3 : Advanced Costing
(Methods of Cost Accounting)
Discipline Specific Course

4 Credits

Course Outcome:

- 1) To understand the concepts of job and unit costing.
- 2) To know the applications of process costing and joint product and by product accounting
- 3) To understand procedure of contract costing and its practical implementation
- 4) To identify meaning of service costing and its application.

Syllabus Content

Unit- I	Job Costing and Unit Costing: Meaning, Features, Practical Applications of Job Costing and Unit Costing, Preparation of Job Cost Sheet.	15 Lectures
Unit- II	Process Costing: Process Costing: Meaning and its Applications, Concept of Equivalent Production, Preparation of Process Accounts, Concepts of Joint Products and By Products. (Note : Problems on Process Costing excluding Equivalent Production).	15 Lectures
Unit- III	Contract Costing: Contract Costing: Meaning, Features, Accounting Procedure, Retention money, Escalation Clause, Work in Progress, Cost Plus Contract. Preparation of Contract Account.	15 Lectures
Unit- IV	Operation/ Service Costing: Service Costing : Meaning and Definition, Application of Service Costing, Determination of Service Cost in Transport Industry	15 Lectures

Reference Books:

- 1) Practical Problems in Cost Accounting- S. P.Jain and K. L Narang, Kalyani publishes New Delhi
- 2) Cost Accounting Methods and Problems – B. K. Bhar, Academic publishers Kolkatta
- 3) Cost Accounting- S. P.Jain and K. L Narang, Kalyani publishes New Delhi
- 4) Principles and Practices of Costing - Lal and Nigam, Himalaya publishing house.
- 5) Cost Accounting - Lal and Nigam, Himalaya publishing house
- 6) Cost Management : Ravi M Kishore, Taxmann Publications

Nature of Question Paper
 B.Com (CBCS) Part-III (Semester-VI)
 Advanced Costing Paper-III
 (Methods of Cost Accounting)
 Discipline Specific Course
 (Introduced from June-2020)

Instructions:	i)	All the questions are compulsory.	Total : 40 Marks
	ii)	Figures to the right indicate full marks.	
	iii)	Use of calculator is allowed.	
Question 1	Practical Problems E) 8 Marks } F) 8 Marks }		16 Marks
Question 2	Attempt Any Two Practical Problems (out of three)		16 Marks
Question 3	Write short notes (Attempt any two out of four)		08 Marks

B.Com (CBCS) Part-III (Semester-VI)
Paper – IV : DSE-C4 : Advanced Costing
(Costing Techniques)
 Discipline Specific Course

4 Credits

Course Outcome:

- 1) To know the applications of marginal costing in decision making.
- 2) To understand the concept of standard costing and analysis of variances.
- 3) To know the concept and types of budgets and concept of budgetary control.
- 4) To understand prospects of cost accounting standards.

Syllabus Content

Unit- I	Marginal Costing: Meaning and Importance of Marginal Costing, CVP Analysis, Profit – Volume Ratio, Break Even Point, Margin of Safety, Interpretation of BEP Analysis.	15 Lectures
Unit- II	Standard Costing: Standard Costing : Meaning, Objectives, Features; Types of Standards, Variance Analysis – Material Cost Variance, Labour Cost Variance and Overhead Variance and Interpretation of Variance Analysis.	15 Lectures
Unit- III	Budget and Budgetary Control: Meaning, Objectives, Types of Budgets; Preparation of Cash Budget, Fixed and Flexible Budget; Budgetary Control System- Features and Components.	20 Lectures
Unit- IV	Cost Audit and Cost Accounting Standards: Cost Audit : Meaning, Legal Requirement, Objectives; Setting Process, List and Applicability of Cost Accounting Standards	10 Lectures

Reference Books:

- 7) Practical Problems in Cost Accounting- S. P.Jain and K. L Narang, Kalyani publishes New Delhi
- 8) Cost Accounting Methods and Problems – B. K. Bhar, Academic publishers Kolkatta
- 9) Cost Accounting- S. P.Jain and K. L Narang, Kalyani publishes New Delhi
- 10) Principles and Practices of Costing - Lal and Nigam, Himalaya publishing house.
- 11) Cost Accounting - Lal and Nigam, Himalaya publishing house
- 12) Cost Management : Ravi M Kishore, Taxmann Publications

Nature of Question Paper
B.Com (CBCS) Part-III (Semester-VI)
Advanced Costing Paper-VI
(Costing Techniques)
Discipline Specific Course
(Introduced from June-2020)

Instructions:	i)	All the questions are compulsory.	Total : 40 Marks
	ii)	Figures to the right indicate full marks.	
	iii)	Use of calculator is allowed.	
Question 1	Practical Problems G) 8 Marks } H) 8 Marks }		16 Marks
Question 2	Attempt Any Two Practical Problems (out of three)		16 Marks
Question 3	Write short notes (Attempt any two out of four)		08 Marks

B.Com (CBCS) Part-III (Semester-V)
Paper – I : DSE-D1 : Taxation
Discipline Specific Course

4 Credits

Course Outcomes:

1. To understand the basic concepts of income tax and basis of charge
2. To identify the residential status and its implication on tax liability
3. To understand the concept of exemption from income
4. To know the computation of income from various sources as well as total income

Syllabus Content

Unit- I	Basic Concepts: Introduction to Income Tax Law, Meaning of Previous Year, Assessment Year, Person, Income, Assessee, Basis of Charge, Rates of Tax.	10 Lectures
Unit- II	Residential Status and Taxability: Determination of Residential Status of Individual, HUF, Firm and Company; Taxable Income in respect of Resident Individual, Resident but Not Ordinarily Resident Individual, Non Resident Individual; Taxability of Resident as well as Non Resident Firms and Companies	15 Lectures
Unit- III	Income Not Forming Part of Total Income (Exemptions): Concept of Exemption, Specific Provisions of Exemption under section 10 – Profit Sharing from Partnership Firm, Agricultural Income, Leave Travel Concession, Gratuity, Leave Encashment, House Rent Allowance	15 Lectures
Unit- IV	Heads of Income: Features of Various Heads of Income – Salary, House Property, Capital Gain, Business/Profession, Other Sources, Determination of Taxable Income from Each of these Sources of Income, Computation of Total Income	10 Lectures

Reference Books:

- 1) Singhania, V.K. : Students' Guide to Income Tax, Taxmann Publication, New Delhi
- 2) Manoharan, T.N. : Direct Taxes : Snow White Publications, New Delhi
- 3) Singhania, Monica : Students' Guide to Income Tax and GST, Taxmann, New Delhi
- 4) Sury, M.M. : Goods and Services Tax in India,
- 5) Agarwal, CA VK : GST Guide for Students, Neelam Book House, Delhi
- 6) Datey, V.S. : GST Ready Reckoner, Taxmann, New Delhi

- 7) Thakkar, Vishal : GST for the Layman, TV18Broadcast Ltd.,
- 8) The Institute of Chartered Accountants of India, Study Material for CA Inter/Final-Taxation

Nature of Question Paper
B.Com (CBCS) Part-III (Semester-V)
Taxation Paper-I
Discipline Specific Course
(Introduced from June-2020)

Instructions:	i)	All the questions are compulsory.	Total : 40 Marks
	ii)	Figures to the right indicate full marks.	
	iii)	Use of calculator is allowed.	
Question 1	Practical Problem A) 8 Marks B) 8 Marks		16 Marks
Question 2	Attempt Any Two Questions on theory or problems (out of three)		16 Marks
Question 3	Write short notes (Attempt any two out of four)		08 Marks

B.Com (CBCS) Part-III (Semester-V)
Paper – II : DSE-D2 : Taxation
Discipline Specific Course

4 Credits

Course Outcomes:

- 5) To know the meaning of clubbing of income
- 6) To understand the provisions of set off and carry forward of losses
- 7) To find out the deductions available from Gross Total Income
- 8) To understand meaning the manner of computation of tax liability

Syllabus Content

Unit- I	Clubbing of Income: Meaning of Clubbing of Income, Transfer of Income without Transfer of Assets, Income Arising from Revocable Transfers, Provisions relating to Clubbing, Income arising to Spouse, Minor Child.	10 Lectures
Unit- II	Carry Forward and Set-Off of Losses: Concept of Carry Forward of Losses, Concept of Set-Off of Carried Forward Losses, Provisions relating to Set-Off and Carry Forward of Losses against various Heads of Income, Conditions for Carrying Forward of Losses.	10 Lectures
Unit- III	Deductions from Gross Total Income: Concept of Deduction, Difference between Exemption and Deduction, Deduction from Gross Total Income in respect of Payments, Specific Provisions about Deduction under Section 80 C, 80D, 80 E and 80 G.	15 Lectures
Unit- IV	Computation of Total Income and Tax Liability: Determination of Gross Total Income considering various sources of Income, Computation of Taxable Income considering deductions, Computation of Tax Liability in case of Individual, H.U.F., Firm and Company Considering rates of tax.	25 Lectures

Reference Books:

- 1) Singhania, V.K. : Students' Guide to Income Tax, Taxmann Publication, New Delhi
- 2) Manoharan, T.N. : Direct Taxes : Snow White Publications, New Delhi
- 3) Singhania, Monica : Students' Guide to Income Tax and GST, Taxmann, New Delhi
- 4) Sury, M.M. : Goods and Services Tax in India,
- 5) Agarwal, CA VK : GST Guide for Students, Neelam Book House, Delhi
- 6) Datey, V.S. : GST Ready Reckoner, Taxmann, New Delhi

- 7) Thakkar, Vishal : GST for the Layman, TV18Broadcast Ltd.,
- 8) The Institute of Chartered Accountants of India, Study Material for CA Inter/Final-Taxation

Nature of Question Paper
B.Com (CBCS) Part-III (Semester-V)
Taxation Paper-II
Discipline Specific Course
(Introduced from June-2020)

Instructions:	i)	All the questions are compulsory.	Total : 40 Marks
	ii)	Figures to the right indicate full marks.	
	iii)	Use of calculator is allowed.	
Question 1	Practical Problem C) 8 Marks D) 8 Marks		16 Marks
Question 2	Attempt Any Two Questions on theory or problems (out of three)		16 Marks
Question 3	Write short notes (Attempt any two out of four)		08 Marks

B.Com (CBCS) Part-III (Semester-VI)
Paper - III : DSE-D3 : Taxation
Discipline Specific Course

4 Credits

Course Outcomes:

1. To understand the concepts of TDS, TCS and Advance Tax
2. To know the procedure of filing of income tax return
3. To understand procedure of assessment and various types of assessments
4. To know the powers and functions of income tax authorities

Syllabus Content

Unit- I	TDS, TCS and Advance Tax: Concepts of Advance Tax, Tax Deducted at Source and Tax Collected at Source; Provisions relating to Interest for Default in Payment of Advance Tax, TDS and TCS; Tax Deduction and Tax Collection Account Number; Filing of TDS Returns.	15 Lectures
Unit- II	Self Assessment Tax and Filing of Income Tax Return: Payment of Self Assessment Tax, Filing of Income Tax Return, Compulsory Filing of Return, Penalty for Default in Filing of Return, Return of Loss, Provisions related to Revised and Belated Return, Procedure of Online Payment of Tax and Filing of Return.	15 Lectures
Unit- III	Assessment of Tax: Assessment, Reassessment, Best Judgment Assessment, Income Escaping Assessment, Self Assessment, Scrutiny Assessment, Protective Assessment, Appeals and Revision, Search and Survey.	15 Lectures
Unit- IV	Authorities of Income Tax: Income Tax Authorities - Functions of CBDT, DGIT, Chief Commissioner of Income Tax; Powers and duties of Commissioner of Income Tax, Commissioner of Income Tax (Appeals), Additional Director (or Commissioner), Joint Director (or Commissioner), Income Tax Officer, Assistant Director (or Commissioner), Tax Recovery Officer and Inspector.	15 Lectures

Reference Books:

- 1) Singhania, V.K. : Students' Guide to Income Tax, Taxmann Publication, New Delhi

- 2) Manoharan, T.N. : Direct Taxes : Snow White Publications, New Delhi
- 3) Singhanian, Monica : Students' Guide to Income Tax and GST, Taxmann, New Delhi
- 4) Sury, M.M. : Goods and Services Tax in India,
- 5) Agarwal, CA VK : GST Guide for Students, Neelam Book House, Delhi
- 6) Datey, V.S. : GST Ready Reckoner, Taxmann, New Delhi
- 7) Thakkar, Vishal : GST for the Layman, TV18Broadcast Ltd.,
- 8) The Institute of Chartered Accountants of India, Study Material for CA Inter/Final-Taxation

Nature of Question Paper
B.Com (CBCS) Part-III (Semester-VI)
Taxation Paper-III
Discipline Specific Course
(Introduced from June-2020)

Instructions:	i)	All the questions are compulsory.	Total : 40 Marks
	ii)	Figures to the right indicate full marks.	
	iii)	Use of calculator is allowed.	
Question 1	Practical Problem E) 8 Marks F) 8 Marks		16 Marks
Question 2	Attempt Any Two Questions on theory or problems (out of three)		16 Marks
Question 3	Write short notes (Attempt any two out of four)		08 Marks

B.Com (CBCS) Part-III (Semester-VI)
Paper- IV : DSE-D4 : Taxation
Discipline Specific Course

4 Credits

Course Outcomes:

1. To understand the concept of GST
2. To know the procedure of registration under GST
3. To understand the important concepts related to GST
4. To understand the legal framework of GST in India

Syllabus Content

Unit- I	Basics of GST: Meaning of GST, Need for GST, Features of GST, Application of GST in India, Rates of GST, Benefits of GST, Charge or Levy of GST.	15 Lectures
Unit- II	Registration: Persons liable and not liable for registration under GST, Amendment and Cancellation of GST registration, Exemptions from GST, Goods and Services exempted from GST.	15 Lectures
Unit- III	Important Concepts under GST: Input Tax Credit : Meaning, Definition, Eligibility for taking Input Tax Credit Tax Invoice, Debit and Credit Notes : Meaning, Proforma and Amounts to be Indicated Payment of Tax and Return : Procedure of payment of GST and Filing of Returns of GST	15 Lectures
Unit- IV	Legal Framework of GST in India: Application of CGST, SGST, IGST and UTGST Acts, Provisions of Levy, Collection, Composite Scheme and Commencement of GST Regime as per various acts	15 Lectures

(Note: Problems shall be asked on Unit 3 and 4 only)

Reference Books:

- 1) Singhania, V.K. : Students' Guide to Income Tax, Taxmann Publication, New Delhi
- 2) Manoharan, T.N. : Direct Taxes : Snow White Publications, New Delhi
- 3) Singhania, Monica : Students' Guide to Income Tax and GST, Taxmann, New Delhi
- 4) Sury, M.M. : Goods and Services Tax in India,
- 5) Agarwal, CA VK : GST Guide for Students, Neelam Book House, Delhi
- 6) Datey, V.S. : GST Ready Reckoner, Taxmann, New Delhi
- 7) Thakkar, Vishal : GST for the Layman, TV18Broadcast Ltd.,
- 8) The Institute of Chartered Accountants of India, Study Material for CA Inter/Final-Taxation

Nature of Question Paper

B.Com (CBCS) Part-III (Semester-VI)
Taxation Paper-IV
Discipline Specific Course
(Introduced from June-2020)

Instructions:	i)	All the questions are compulsory.	Total : 40 Marks
	ii)	Figures to the right indicate full marks.	
	iii)	Use of calculator is allowed.	
Question 1	Practical Problem G) 8 Marks H) 8 Marks		16 Marks
Question 2	Attempt Any Two Questions on theory or problems (out of three)		16 Marks
Question 3	Write short notes (Attempt any two out of four)		08 Marks

(Note: Problems shall be asked on Unit 3 and 4 only)

B.Com-III Semester – V (CBCS) Paper-I : DSE-F1 : Insurance (Life Insurance)

Objectives

- i) To acquaint the students with the basics of Life Insurance and its procedure
- ii) To familiarize the students with the insurable risk and various life insurance products

Unit I: - Introduction to Life Insurance:-

- 1.1 : Life Insurance -Evolution, Meaning, Definition, Features
- 1.2 : Human Assets, Principles of Protection and Investment in Life Insurance, Principles applicable to life insurance
- 1.3 : Socio-Economic significance of Life Insurance, Life Insurance as a social security tool
- 1.4 : Role of Life Insurance in financial planning, Life insurance needs at various Life stages

(15periods)

Unit II: - Life Insurance Contract & Conditions:-

- 2.1: Life Insurance Contract –Meaning and Nature, Conditions of valid Life Insurance Contract
- 2.2 :Procedure of taking life insurance policy, Procedure of settlement of death and maturity claims
- 2.3 :Policy conditions relating to payment of premium, grace days, surrender value, paid up policy, lapses of policy, revival of lapsed policy
- 2.4 :Policy conditions relating to nomination and assignment of policy, accident and disability benefits

(15periods)

Unit III: - Life Insurance Risk and Premium:-

- 3.1 : Meaning and definition of risk, Classification of risk : physical, occupational and

moral, insurable and non-insurable risk

3.2 : Risk to human life, Evaluation of risk, – Factors affecting longevity of a person

3.3 : Calculation of Premium, Steps in calculation of premium, calculation of net single premium for term insurance, whole life insurance and endowment insurance policy, Types of premium, Premium calculation

3.4 :Underwriting : Meaning and importance, Non-medical underwriting – Female lives underwriting – Recent Trends in underwriting (15periods)

Unit IV: - Life Insurance Products:-

4.1 : Whole Life Policy : Meaning, features, merits-demerits and types

4.2 :Endowment Policy : Meaning, features, merits-demerits and types

4.3 :Term Assurance, Annuities, Group Insurance (only features & Types)

4.4 :ULIP – Comparison of ULIP with Traditional Insurance–Riders,(15periods)

Practical : Visit the nearest office of life insurance and collect the information of various life insurance policies.

Reference Books for Paper No. I to IV

1. Insurance Principles and Practice – M.N. Mishra and S.B.Mishra, S. Chand and Co. NewDelhi
2. Principles and Practice of Insurance – M. Motihar, ShardaPustakBhavan, Allhabad
3. Principles of Risk Management and Insurance – Dr. Neelam C. Gulati, Excel Books, NewDelhi
4. Theory and practice of Insurance – M. Arif Khan, Taj Printing Works , Aligarh
5. RiskManagementinBankingandInsurance-S.B.Verma,Y.Uppadhyay, R.K. Shrivastawa, Deep and Deep Publications Pvt. Ltd
6. Insurance Principles and Practice – M.N. Mishra, S. Chand and Co. New Delhi
7. Insurance Theory and practice – NaliniPravaTripathy, Prabir Pal, PHI Learning Pvt Ltd NewDelhi
8. Insurance and Risk Management – Dr. P.K.Gupta, Himalaya Publishing House
9. Insurance Meaning and Its Principles – B.D.Bhargava, Pearl Books New Delhi
10. Insurance Law And Practice – C.L.Tyagi, MadhuTyagi, Atlantic Publishers and Distributers Pvt Ltd
11. General Insurance - S. Balachandran, Insurance Institute of India Mumbai 12.Life Insurance - S. Balachandran, Insurance Institute of IndiaMumbai

B.Com. Part-III Semester – V
Paper-II : DSE-F2 : Insurance
(General Insurance)

Objectives

- i) To familiarize the student with the glimpses of fire insurance and motor insurance and their procedural aspects.
- ii) To expose the students to the important legal provisions with the respect to IRDAI in general and Fire and Motor insurance in particular

Unit I: - Fire Insurance:-

- 1.1: Fire Insurance : Meaning of fire and fire insurance, Nature, Physical hazards in fire insurance, Importance of fire insurance
- 1.2 : Principles of fire Insurance and conditions of fire insurance policy
- 1.3 :Concepts and difference between Co-insurance & Reinsurance- Methods of Reinsurance, Advantages of Reinsurance, Under-insurance and over-insurance
- 1.4 : Progress of fire insurance business in India after privatization (15Periods)

Unit II: - Fire Insurance Policy and Rating–

- 2.1: Procedure of taking fire insurance policy, Renewal of fire insurance policy, Settlement of claim under fire insurance
- 2.2 : Cancellation and forfeiture of fire insurance policy.
- 2.3 : Kinds of fire insurance policy
- 2.4 : Rating - Rate fixation in Fire Insurance - System, Principles - Theory of Rating – Bases of Rating - Degree of Hazards – Classification of Risk Past loss experience and law of probability. (15Periods)

Unit III:-Basics of Motor Insurance–

- 3.1 :Meaning, Need, Basic Principles of motor insurance
- 3.2 :Classification of vehicles under motor insurance, Types of motor insurance policy
- 3.3 :Procedure of taking Motor Insurance Policy, Settlement of Claim under motor insurance, No Claim Bonus
- 3.4 :Factors considered for premium rating under motor insurance, Conciliation forum, motor accident tribunal (15Periods)

Unit IV:- Documentation and Legislation –

- 4.1: Documents in Fire Insurance – Proposal Form, Survey Report, Cover Note, Policy, Endorsement, Renewal Notice, Claim Form.
- 4.2: Documents in Motor Insurance – Proposal Form, Survey Report, Cover Note, Policy, Certificate of Insurance, Registration Certificate Book, Fitness Certificate and Permit (for commercial vehicle)
- 4.3: Legislations – Important provisions relating to fire insurance in Insurance Act 1938, Important provisions relating to Motor Insurance in Motor Vehicle Act 1988.
- 4.4 : Insurance Regulatory and Development Authority of India (IRDAI) Act, 1999 : Important provisions (15Periods)

Practical :

- (i) Take survey of properties covered under fire insurance in local community.
- (ii) Collect the information of the types of motor insurance policies taken by vehicle owners in local community.

Reference Books for Paper No. I to IV

- 1) Insurance Principles and Practice – M.N. Mishra and S.B.Mishra, S. Chand and Co. NewDelhi
- 2) Principles and Practice of Insurance – M. Motihar, ShardaPustakBhavan, Allhabad
- 3) Principles of Risk Management and Insurance – Dr. Neelam C. Gulati, Excel Books, NewDelhi
- 4) Theory and practice of Insurance – M. Arif Khan, Taj Printing Works , Aligarh
- 5) RiskManagementinBankingandInsurance-S.B.Verma,Y.Uppadhyay, R.K. Shrivasaawa, Deep and Deep Publications Pvt. Ltd
- 6) Insurance Principles and Practice – M.N. Mishra, S. Chand and Co. New Delhi
- 7) Insurance Theory and practice – NaliniPravaTripathy, Prabir Pal, PHI Learning Pvt Ltd NewDelhi
- 8) Insurance and Risk Management – Dr. P.K.Gupta, Himalaya Publishing House
- 9) Insurance Meaning and Its Principles – B.D.Bhargava, Pearl Books New Delhi
- 10) Insurance Law And Practice – C.L.Tyagi, MadhuTyagi, Atlantic Publishers and Distributers Pvt Ltd
- 11) General Insurance - S. Balachandran, Insurance Institute of IndiaMumbai
- 12) Life Insurance - S. Balachandran, Insurance Institute of IndiaMumbai

B.Com-III Semester – VI
Paper – III :DSE-F3 : Insurance
(Claim Management in Life Insurance)

Objectives

- i) To provide the sound understanding to the student about managing the claims under life insurance
- ii) To acquaint the students with the life insurance legalization and documents

Unit I : - Life Insurance Agent (Financial Adviser)

- 1.1 : Life Insurance Agent: Meaning, Procedure for becoming an Agent, Insurance Agency as a Profession, Qualifications & disqualification for Life Insurance Agent
 - 1.2 : Role of an Insurance Agent in distribution of insurance products, Functions of an life insurance Agent
 - 1.3: Code of conduct for life insurance agent, Remuneration of life insurance agent
 - 1.4 : Use of Internet and Intranet means by LIC agent, Benefits of Information Technology to Insurance Agent and Policy holders
- (15periods)**

Unit II: - Life Insurance : Documents and Progress:-

- 2.1 :Life Insurance documents : Meaning and Importance of LIC documents, Conditions regarding loss of life insurance policy and Indemnity bond
- 2.2 :Documents for taking out life insurance policy : Proposal form, Medical Examination Report, Agent's Confidential Report, Proof of Age, First premium receipt (Cover note), Renewal Premium Receipt Life Insurance Policy
- 2.3 :Documents for settlement of claim : Death Certificate, Police Inquest Report, Coroner's Report, Deed of Assignment, Claim for Discharge form
- 2.4 :Progress of life Insurance in India since privatization(15 Periods)

Unit III: - Claim Management in Life Insurance

- 3.1 : Claim Management: Meaning, Need, Classifications of claims : Death claim, Maturity claim, Early claims, Time- barred claims
 - 3.2 :Claim management procedure and system for different types of claim,
 - 3.3 :Calculation of claim, Claim concessions, Presumption of death, Accident and Disability benefits
 - 3.4 : Importance of investigation in claim management.
- (15periods)**

Unit IV: - Life Insurance Legislation & FDI in Life Insurance Sector :

- 4.1 : Important provisions of Life Insurance Corporation Act 1956,
 - 4.2 :Evolution of Insurance Regulatory and Development Authority (IRDA) of India Act.1999 and important provisions
 - 4.3 :Ombudsman in Life Insurance : Meaning, function and role in grievance redressal
 - 4.4 :Foreign Direct Investment in Life Insurance Sector : Advantages and disadvantages
- (15periods)**

Practical :

- (i) Interact with the life insurance agent and understand his /her role
- (ii) Visit the nearest LIC office and collect the information about settlements of claims and settlement rate

Reference Books for Paper No. I to IV

- 1. Insurance Principles and Practice – M.N. Mishra and S.B.Mishra, S. Chand and Co. NewDelhi
- 2. Principles and Practice of Insurance – M. Motihar, ShardaPustakBhavan, Allhabad
- 3. Principles of Risk Management and Insurance – Dr. Neelam C. Gulati,Excel Books, NewDelhi

4. Theory and practice of Insurance – M. Arif Khan, Taj Printing Works ,Aligarh
5. Risk Management in Banking and Insurance- S.B. Verma, Y .Uppadhyay, R.K. Shrivastawa, Deep and Deep Publications Pvt.Ltd
6. Insurance Principles and Practice – M.N. Mishra, S. Chand and Co. NewDelhi
7. Insurance Theory and practice – NaliniPravaTripathy, Prabir Pal, PHI Learning Pvt Ltd NewDelhi
8. Insurance and Risk Management – Dr. P.K.Gupta, Himalaya PublishingHouse
9. Insurance Meaning and Its Principles – B.D.Bhargava, Pearl Books NewDelhi
10. Insurance Law And Practice – C.L.Tyagi, MadhuTyagi, Atlantic Publishers and Distributors Pvt Ltd
11. General Insurance - S. Balachandran, Insurance Institute of IndiaMumbai
12. Life Insurance - S. Balachandran, Insurance Institute of IndiaMumbai

B.Com –III Semester – VI
Paper – IV : DSE-F4 : Insurance
(Marine and Other Insurance)

Objectives

- i) To expose the students to the principles, types and conditions of Marine Insurance
- ii) To familiarize the students with various documents and legislative provisions of Marine Insurance.
- iii) To acquaint the student to various types of Miscellaneous Insurance

Unit I: - Marine Insurance :

- 1.1 : Marine Insurance : Evolution, Meaning & Definition, Classification, Principles
- 1.2 : Clauses of Marine Insurance Policy, Warranties: Implied & Expressed Warranties
- 1.3 : Types of Marine Insurance Policy
- 1.4 : Procedure for taking Marine Insurance Policy, Payment of claim periods) (15)

Unit II :- Marine Losses and Perils :

- 2.1 : Marine Losses : Total loss, Partial Loss, Particular Average Loss, General Average Loss
- 2.2 : Difference between Particular Average Loss & General Average Loss - Salvage Charges – Preparation of loss statement
- 2.3 : Marine Perils
- 2.4 : Progress of Marine Insurance business in India. (15 periods)

Unit III :- Other Insurance (Only Nature & Cover)

- 3.1 : Burglary Insurance, Engineering Insurance
- 3.2 : Crop Insurance, Cattle Insurance
- 3.3 : Sports Insurance, Catastrophe Insurance
- 3.4 : Aviation Insurance, Export Risk Insurance (15 periods)

Unit IV :- Documentation and Legislation :-

- 4.1 : Documents in Marine Insurance - Proposal Form, Survey Report, Cover Note, Policy, Endorsement, Renewal Notice, Claim Form, Bill of Lading, Letter of Subrogation, Copy of Protest.
- 4.2 : Important Provisions of Marine Insurance Act 1963
- 4.3 : Insurance Regulatory and Development Authority Act 1999
- 4.4 : Foreign Direct Investment in General Insurance Sector (15 periods)

Practical

- i) Obtain the documents used in marine insurance by visiting nearest branch office of General Insurance Corporation, analyze them and prepare the report.
- ii) Obtain the bare Act of IRDA Act 1999 and study its provisions

Reference Books for Paper No. I to IV

1. Insurance Principles and Practice – M.N. Mishra and S.B.Mishra, S. Chand and Co. NewDelhi
2. Principles and Practice of Insurance – M. Motihar, ShardaPustakBhavan, Allhabad
3. Principles of Risk Management and Insurance – Dr. Neelam C. Gulati,Excel Books, NewDelhi
4. Theory and practice of Insurance – M. Arif Khan, Taj Printing Works ,Aligarh
5. Risk Management in Banking and Insurance- S.B. Verma, Y .Uppadhyay, R.K. Shrivasaatawa, Deep and Deep Publications Pvt.Ltd
6. Insurance Principles and Practice – M.N. Mishra, S. Chand and Co. NewDelhi
7. Insurance Theory and practice – NaliniPravaTripathy, Prabir Pal, PHI Learning Pvt Ltd NewDelhi
8. Insurance and Risk Management – Dr. P.K.Gupta, Himalaya PublishingHouse
9. Insurance Meaning and Its Principles – B.D.Bhargava, Pearl Books NewDelhi
10. Insurance Law And Practice – C.L.Tyagi, MadhuTyagi, Atlantic Publishers and Distributers Pvt Ltd
11. General Insurance - S. Balachandran, Insurance Institute of IndiaMumbai
12. Life Insurance - S. Balachandran, Insurance Institute of IndiaMumbai

B.Com.III
Semester V and VI (CBCS Pattern)
Insurance Paper I to IV
Nature of Question Paper

Instructions:

Total Marks: 50

1. All questions carry equal marks
2. Attempt any five questions out of seven

Q.1	Write Short Answers (Any two out of three)	10 Marks
Q.2	Broad Question	10 Marks
Q.3	Broad Question	10 Marks
Q.4	Broad Question	10 Marks
Q.5	Broad Question	10 Marks
Q.6	Broad Question	10 Marks
Q.7	Write Short Notes (Any two out of three)	10 Marks

Equivalence

Sr.No.	Old Name	New Name
1	Insurance Paper - I	Insurance Paper - I
2	Insurance Paper - II	Insurance Paper - II
3	Insurance Paper - III	Insurance Paper - III
4	Insurance Paper - IV	Insurance Paper - IV

B. Com Part III
(CBCS Pattern- 2020-21)
ADVANCED MARKETING

<i>Semester</i>	<i>Paper</i>	<i>Name of Course</i>
Semester V	Paper I	Introduction to Marketing
	Paper II	Marketing Management
Semester VI	Paper III	Service Marketing
	Paper IV	Recent Trends in Marketing Management

B. Com Part III Semester V
Paper I : DSE-G1 : INTRODUCTION TO MARKETING

Course Outcomes:

- iii) To acquaint the students with the basics and advance marketing concepts and its procedure
- iv) To familiarize the students with Marketing Environment and Consumer Buying Behaviour.

Unit	Course Contents	Hours
Unit 1	Introduction to Marketing: Meaning and Nature of Marketing, Evolution of Marketing Concept, Importance and Functions of Marketing, Objectives and Process of Marketing <i>Practical: Writing marketing process of any particular product</i>	15
Unit 2	Modern Marketing: Difference between Selling and Marketing, Changing Concepts of Marketing, Features of Modern Marketing Concept, Role of Marketing in Economic Development, Relation of Marketing with other functional areas of business. Types of Marketing Organisation <i>Practical: Study of relation of marketing department with other departments of any business organisation</i>	15
Unit 3	Marketing Environment and Marketing System: Micro and Macro Marketing Environment, Forces in Marketing, Environmental Scanning and Analysis, Mapping the Marketing Environment, Marketing System <i>Practical: Scanning and Analysis of Marketing Environment of any nearest business organisation.</i>	15
Unit 4	Consumer Behaviour: Concept of Consumer Behaviour, Need for understanding Consumer Behaviour, Consumer Decision Behaviour, Factors influencing Consumer Buying Behaviour, Buying Motives of Consumers, Consumer Buying Decision Process <i>Practical: Observing and reporting consumer behaviour at any departmental store or vegetable market or weekly bazaar.</i>	15

B. Com Part III Semester V
Paper II :DSE-G2 : MARKETING MANAGEMENT

Course Outcomes:

- iii) To familiarize the student with conceptual Marketing Management, its functions and role of Marketing Manager
- iv) To expose the students to the understand the Market Segmentation and Marketing Mix

Unit	Course Contents	Hours
Unit 1	Marketing Management Meaning and Nature of Marketing Management, Functions of Marketing Management, Role of Marketing Manager, Qualities of Marketing Manager <i>Practical: Draft a report after discussion with marketing manager of any nearest company.</i>	15
Unit 2	Marketing Planning: Meaning, Significance and Process of Marketing Planning, Structure of Marketing Plan, Strategic Marketing Planning – Meaning and Process, Competitive Marketing Strategies <i>Practical: Preparation of marketing plan for any product</i>	15
Unit 3	Market Segmentation and Marketing Mix Concept of Market Segmentation, Requirements of Effective Segmentation, Benefits of Market Segmentation, Methods of Marketing Segmentation, Patterns of Segmentation. Marketing Mix: Meaning, Importance and Elements of Marketing Mix, Determining the Marketing Mix, Factors affecting the Marketing Mix <i>Practical: Preparation of marketing mix of any business organisation producing different products.</i>	15
Unit 4	Management of Marketing Mix: a) Product Mix: Concept of Product, Product Planning – Significance and factors affecting the Product Planning, b) Price Mix: Significance of Price in Marketing, Objectives of Pricing, Factors affecting Price, Kinds of Pricing Decisions c) Promotion Mix: Meaning, Objectives and Methods of Promotion d) Place (Distribution) Mix: Meaning and Importance of Distribution Channels, Distribution Policies and Strategies <i>Practical: Visit to nearest 5 shops for collection of information about any of the above four factors.</i>	15

B. Com Part III Semester VI
Paper III : DSE-G3 : SERVICE MARKETING

Course Outcomes:

1. To provide the sound understanding to the student about of various sectors of service marketing.
2. To acquaint the students with the Service marketing strategy and Supply Chain Management:

Unit	Course Contents	Hours
Unit 1	<p>Marketing of Service: Introduction, definition, characteristics of services (Intangibility, Inseparability, Heterogeneity, Perishability). Importance of services, distinction between services and goods, Marketing Mix in Service Marketing- Product price, place, Promoting, Service encounters service, personnel issues, emotions and service situations, service profit chain, service recovery and empowerment. Practical- Study and prepare chart of various service marketing sectors and share it in the class.</p>	15
Unit 2	<p>Services Marketing Strategy: Overview of Service Marketing Strategy – Concept and Objectives. Strategic Role of Service Marketing. Formulating and implementing Service marketing strategy. Services Strategies- Strategies for Market Leaders, challengers, followers and niche marketers. Practical- Visit different service organizations and prepare innovative strategies for promoting service marketing.</p>	15
Unit 3	<p>Logistics & Supply Chain Management: Definition and scope of logistics, key logistics activities, market logistics decision, emerging concepts in logistics. Concept of supply chain management (SCM), need for SCM, advances in SCM. Distribution: 6 C's of distribution. Selection and appointing distributors. Practical- Study the logistic and supply chain management of the company's dealer working for. Prepare report and share in the class.</p>	15
Unit 4	<p>Marketing Service Sectors: Concept, Characteristics and strategies for different services- Banking, Insurance, Hotel, transport, tourism and consultancy services Service Quality- Customer Expectations and Perceptions Practical- Prepare a marketing report by visiting service organization situated to your local area.</p>	15

B. Com Part III Semester VI

Paper IV :DSE-G4 : RECENT TRENDS IN MARKETING MANAGEMENT

Course Outcomes:

- iv) To provide the students regarding conceptual information on recent trends in marketing management
- v) To acquaint the student with concept of MIS, CRM and Green Marketing
- vi) To familiarize the students with Retail marketing, Agricultural marketing and International marketing.

Unit	Course Contents	Hours
Unit 1	Marketing Information System (MIS) and Green Marketing: Marketing Information System -Meaning, definition, Characteristics, scope & procedure MIS. Requirement of Good MIS, Importance of MIS Green Marketing - Meaning and importance issues involved in green marketing- social responsibility, pressure of government, competitive pressure cost of profit. Problems of green marketing. Green marketing strategies. Practical - Visit to nearest corporate /super market and write the MIS and Green Marketing structure by observing the same.	15
Unit 2	Customer Relationship Management & Retail Marketing: Customer Relationship Management (CRM) -concept, CRM process, measuring CRM, CRM framework, Tangible Components of CRM, CRM in services, CRM in product management, Zero customer defection, customer loyalty, and customer loyalty development strategies. Retail Marketing: Introduction to retail, Factors behind the change of Indian Retailing industry- Economic growth, Classification of retailers: Store and Non-store based retailers, Organised and Unorganised Retailing, business models in retail. Careers in Retailing: Employment opportunities, ownership opportunity. Practical - Visit Big Bazar/ Departmental store and prepare a report on CRM and retail marketing for ascertaining the career opportunity in it.	15
Unit 3	Agricultural Marketing: Meaning and scope of agricultural marketing-Market structure, factors influencing marketable surplus. Estimation of marketable and marketed surplus. New trends in agricultural marketing: APEDA, NAFED- Characteristics of a good agricultural marketing system- Promotion of agricultural products. Practical - Study the nearest APMC functions and prepare report to share in the class.	15
Unit 4	International Marketing: Concept of International Marketing and its Environment, Entry Strategies, International organization, Export	

	<p>procedure & documents, Global Strategies, targeting and Positioning, International Marketing mix- Product Design Decisions, Geographic expansion strategic alternatives, New product in Global Market, Global Pricing Strategies, Channel Objectives and constraints, Channel Structure, Advertising decisions in International marketing.</p> <p>Practical- Study the concepts of international marketing and understand the export procedure & documents.</p>	15
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Reference Books:

1. *The Essence of Marketing-* Majaro, Simon. Perentice Hall, New Delhi
2. *Sales Management: Decision, Strategies and Cases-* R. R. Still , E.W. Cundiff , N.A.P. Govani, Pearson Education
3. *Sales and Distribution Management –* K.K. Havaldar, V.M. Cavale, Tata McGraw Hill Company
4. *Professional Sales Management -*Anderson, Hair and Bush, McGraw Hill Company
5. *Sales Management –* Rustom Davar
6. *Marketing Management-* Kotler, Keller, Koshy, Jha, Prentice Hall.
7. *Marketing Management -* Ramaswamy, Namakumari, McGraw Hill Education
8. *Consumer Behaviour –* Schiffman and Kanuk , Pearson Publication
9. *Marketing Management-* Pilai, Bhagavati and Kala- S. Chand & Co. Ltd New Delhi
10. *Consumer Behaviour –* David Loudon and Albert Della Bitta., Tata McGraw-Hill.
11. *Marketing Management-* William Stanton.
12. *Marketing Management-* Philip Kotlar.
13. *Marketing Management – a south Asian perspective:* Kotler Phillip, Keller Kevin Lane, Koshy Abraham and Jha Mithileshwar, Pearson.
14. *Marketing Management –* Ramswamy V. S., Namakumari S., Macmillan Publishers India Ltd.
15. *Marketing Management –* Rajan Saxena, Tata McGraw Hill
16. *Marketing Management: Text and Cases –* Tapan Panda, Excel Books
17. *Marketing –* Etzel, Walker B., Stanton W., Pandit A., Tata McGraw Hill.
18. *Marketing Management -* Karunakarn K — Himalaya Publication, New Delhi.

B.Com. Part-III; SEM-V (CBCS)**Paper-I : DSE-H1 : Advanced Banking (Banking Laws in India)**

Credits : 4

Course Outcomes:

1. Learners will be able to explain Regulatory Framework for Banking in India
2. Learners will understand the important laws relating banking sector
3. Learners will apply the knowledge of legal provisions for banking business practices
4. Learners will understand different provisions under cyber Laws

Expected Skills Impartation

4. Ability to apply legal provisions in banking business
5. Ability to understand the legal applications in banking sector
6. Ability to conduct proper banking activities as per legal provisions

Unit No.	Unit Name	Periods
1	Banking Laws 1.1. Need and Importance of Banking Laws 1.2. Banking Regulation Act 1949 1.3. New Bank Licensing Policy, 2013 1.4. Provisions for opening and closing of bank branches in India,	15
2	Banking Laws relating to Cooperative Banks 2.1. Co-operative Societies Act, 1912 2.2. Maharashtra Co-operative Societies Act, 1960 2.3. Multi State Co-operative Societies Act, 2002 2.4. Employees Cooperative Credit Societies- Model Bye-laws in Maharashtra	15
3	The Negotiable Instrument Act, 1881 and Amendments 3.1. Meaning, Types, Features and Parties of Bill of Exchange 3.2. Meaning, Features and Parties of Promissory Note 3.3. Meaning, Types, Features and Parties of Cheque 3.4. Protection to a Paying Banker and Collecting Banker	15
4	Other Laws Relating to Banking 4.1. Important Provisions under Indian Contract Act, 1872 4.2. Garnishee Order-Meaning, Steps and Execution of Garnishee Order 4.3. Mortgage of Immovable Properties and Its Types 4.4. Banking Ombudsman Scheme 2006	15

References :

1. Arora and Kalra (1999), "All India Banking Law Digest, (1995-1999), Law House Delhi
2. Employees Cooperative Credit Societies - <https://sahakarayukta.maharashtra.gov.in>
3. ICSI (2015) Banking Law And Practice, <https://www.icsi.edu>
4. IIBF(2007), "Laws of Co-operative Banking", MacMillan India Ltd.,
5. M.L. Tannan, (2008) Banking Law and Practice in India, India Law House, New Delhi
6. M.L.Tannan, C.R. Datta & S.K. Kataria (2011) Banking Law and Practice, Wadhwa & Company
7. Maharashtra Co-operative Societies Act, 1960 <https://sahakarayukta.maharashtra.gov.in>

8. Multi State Co-operative Societies Act,2002 <https://mscs.dac.gov.in/Guidelines/GuidelineAct2002.pdf>
9. RBI (2019) Rationalisation of Branch Authorisation Policy- Revision of Guidelines <https://rbi.org.in/scripts/NotificationUser.aspx/Mode=0&Id=11570>
10. Sudhir Naib, The Information Technology Act, 2005: A Handbook, OUP, New York, (2011)
11. Tannan (2001), “Banking Law & Practice in India” 20/e (Stud. ed), Law House Delhi

B.Com. Part-III; SEM-V (CBCS)

Paper-II : DSE-H2 : Advanced Banking (Retail and Corporate Banking)

Credits : 4

Course Outcomes:

1. Learners will be able to explain Retail and Corporate Banking systems
2. Learners will understand the Retail and Corporate Banking Practices
3. Learners will apply the knowledge in banking business

Expected Skills Impartation

1. Ability to differentiate Retail and Corporate Banking
2. Ability to conduct Retail Banking business
3. Ability to conduct Corporate Banking business

Unit No.	Unit Name	Periods
1	Introduction to Retail Banking 1.1. History, definition and concept of Retail Banking and Corporate Banking 1.2. Difference between Retail banking and Corporate banking 1.3. Importance of Retail banking to Indian Economy 1.4. Changing scenario of Retail Banking in India	15
2	Retail Banking Products 2.1. Home Loan - Types, Margin and Process of disbursement 2.2. Vehicle Loan - Types, Margin and Process of disbursement 2.3. Gold Loan - Nature and Process of disbursement 2.4. Educational - Nature and Process of disbursement	15
3	Corporate Banking 3.1. Need and Importance of Corporate Banking 3.2. Factoring and Forfeiting services 3.3. Infrastructure Finance Companies in India 3.4. Nature and Importance of Import-Export Finance.	15
4	Investment Banking 4.1. Meaning, Evolution and Scope of Investment Banking. 4.2. Meaning and Functions of Merchant Banking 4.3. Meaning and Nature of Venture Capital 4.4. Meaning and Importance of Loan Syndications.	15

References :

1. Indian Institute of Banking and finance (IIBF) (2015) Banking Products and Services, M/s Taxman

Publications Pvt. Ltd

2. Leichtfuss, Reinhold (2003) Achieving Excellence in Retail Banking, John Wiley and sons.
3. Indian Institute of Banking and finance IIBF (2010) International Banking, M/s Macmillan India Limited,
4. Mathav S B. (2013) Financial Management Mac-Millan Publications.
5. Yadhav S. S. (2014) Foreign Exchange Markets (Latest Edition) Mac-Millan Publications.
6. Indian Institute of Banking & finance (2018) Corporate Banking. Mac-Millan Publications.
7. Indian Institute of Banking and finance IIBF (2016)– International Corporate Finance. Mac-Millan Publications.
8. Pratap Giri S. (2017). Investment Banking: Concepts, Analyses and Cases, McGraw-Hill Education.
9. Subramanyam. (2017). Investment Banking: Concepts, Analyses and Cases, McGraw-Hill Education.
10. Ramamurthy Natarajan (2016). Corporate Banking: A Guide Book for Novice, Create Space Independent Publishing Platform.
11. Vikas Srivastava (2017) Project and Infrastructure Finance: Corporate Banking Perspective, Oxford University Press.

B.Com. Part-III; SEM-VI (CBCS)

Paper-IV : DSE-H4 : Advanced Banking (Financial Markets and Services)

Credits : 4

Course Outcomes:

1. Learners will be able to understand the nature and structure of Financial Market in India
2. Learners will understand business practices in money market and capital market
3. Learners will understand functioning of different Intermediaries in Financial Markets

Expected Skills Impartation

1. Ability to understand the procedure of security trading
2. Ability to apply knowledge for security trading
3. Ability to conduct security trading business

Unit No.	Unit Name	Periods
1	Introduction to Financial Markets in India 1.1. Structure of Financial System in India 1.2. Meaning and Role of Financial Markets in Economics Development 1.3. Structure of Capital Market - Primary and Secondary Capital Market 1.4. Instruments used in Indian Capital Market	15
2	Money Market and Capital Market 2.1. Meaning, Structure and Features of Money Market in India 2.2. Meaning, Structure and Features of Capital Market in India 2.3. Important Intermediaries - Banks, NBFCs and Other 2.4. Financial Instruments of Capital Market in India	15
3	Capital Market Operations 3.1 IPO - Meaning, Nature and Grading of IPO 3.2 Pricing of IPO - Fixed Price Issue and Book Building	15

	3.3 BSE and NSE - History, Management and Indices - Listing of Securities 3.4 Market Orders - Types of Orders for Selling and Buying of Stocks	
4	Intermediaries in Financial Markets 4.1. Role of Depository Organization- CDSL and NSDL 4.2. Indian Clearing Corporation Limited (ICCL) 4.3. Credit Rating Agencies- Functions, Institutes and their Rating Symbols 4.4. Programmes and Certifications of BSE Institute Ltd and NSE Academy	15
References : <ol style="list-style-type: none"> 1. Bhole I.M. (2009). Financial Institutions and Market, 5th edition, 2nd reprint in 2009 Tata McGraw Hill. 2. Benson Kunjukunju Et Al. (2012). Financial Markets and Financial Services in India, New Century Publication, New Delhi. 3. Preeti Singh (2016). Investment Management, Himalaya Publishing House Pvt. Ltd., 4. Pawan Jhabak (2016). Securities Analysis and Portfolio Management, Himalaya Publishing House Pvt. Ltd., 5. Avadhani V.A. (2016). Security Analysis & Investment Management, Himalaya Publishing House Pvt. Ltd., 6. Avadhani V.A. (2016). Securities Analysis and Portfolio Management, Himalaya Publishing House Pvt. Ltd., 7. Braam van den Berg (2015). Understanding Financial Markets & Instruments Academy of Financial Market, https://eagletraders.com/books/afm/afm4.php 8. NSE (2015), Securities Market (Basic) Module, NCFM, National Stock Exchange Of India Limited 9. Michael K. (2002). Credit Rating Methodology, http://www.psnacet.edu.in/courses/MBA/Financial%20services/17.pdf 10. Issue Management, http://www.psnacet.edu.in/courses/MBA/Financial%20services/13.pdf 11. ICCL https://www.icclindia.com 12. BSE Institute Ltd http://www.bsebti.com/ 13. NSE Academy - https://www.nseindia.com/education/content/about_ncfm.htm 		

B.Com. Part-III; SEM-VI (CBCS)**Paper-III : DSE-H3 : Advanced Banking (Bank Management Practices)**

Credits : 4

Course Outcomes:

1. Learners will be able to understand the nature and structure of Financial Market in India
2. Learners will understand business practices in money market and capital market
3. Learners will understand functioning of different Intermediaries in Financial Markets

Expected Skills Impartation

1. Ability to understand the procedure of security trading
2. Ability to apply knowledge for security trading
3. Ability to conduct security trading business

Unit No.	Unit Name	Periods
1	Administrative Structure of Head Office 1.1. Importance of Head Office of the Bank 1.2. Administrative Structure of Head Office 1.3. Departments in Head Office and Its Functions 1.4. Duties and Responsibilities of CEO /MD	15
2	Regional / Zonal Offices of the Bank 2.1. Importance of Regional / Zonal Offices of the Bank 2.2. Administrative Structure of Regional/ Zonal Offices 2.3. Functions and Role of Regional / Zonal Offices 2.4. Duties and Responsibilities of Regional/ Zonal Manager	15
3	Bank Branch Management 3.1. Structure of Branch Office - Small, Medium and Large Bank Branch 3.2. Duties and Responsibilities of Officer Incharge of Deposit Section 3.3. Duties and Responsibilities of Loan and Recovery Officer 3.4. Duties and Responsibilities of Cashier & Role of Branch Manager	15
4	Banking Business Practices 4.1. Principles of Banking Business and Its Importance 4.2. Investment Policy of the Bank- SLR and Non-SLR Investment 4.3. Nature and Importance of Internal and Statutory Audit of the Banks 4.4. Nature and Importance of Information and System Audit of the Banks	15

References :

1. George H. Hempel, Donald G. Simonson (2018). Bank Management: Text and Cases, Wiley, 2020 ISBN 0471410918
2. IIBF (2005). General Bank Management : (For Caiib Examinations), Indian Institute of Banking and Finance, Macmillan, 2005
3. Kanhaiya Singh (2013). Commercial Bank Management, Tata McGraw-Hill Education.
4. Peter S. Rose, Sylvia C. Hudgins (2008). Bank Management and Financial Services, McGraw-Hill Education.
5. Timothy W. Koch, S. Scott MacDonald (2014). Bank Management, Cengage Learning.
6. Timothy W. Koch, Steven Scott MacDonald, Vic Edwards, Randall E. Duran (2014). Bank Management: A Decision-Making Perspective, CENGAGE Learning Asia.
7. V.S.P. Rao (1999). Bank Management, Discovery Publishing House, 1999 ISBN 8171415105
8. Guidance Note on Audit of Banks (2018 Edition)- <https://www.puneicai.org/wp-content/uploads/Guidance->

Note-on-Audit-of-Banks-2018-Edition.pdf

9. Chitale MM (2018) Bank Audit - Bombay Chartered Accountants' Society-

<https://www.bcasonline.org/ContentType/3.%20MChitale.pdf>

10. RBI (2018) Checklists for Computer Audit, <https://rbidocs.rbi.org.in/rdocs/PublicationReport/Pdfs/33400.pdf>

11. Shiva Chaudhari (2017) A Guide to Risk Based Internal Audit System in Banks, Notion Press.

EQUIVALENCE OF THE PAPERS / COURSES

Sr.	Existing title of the Paper	Revised Title of the paper
1	Advanced Banking Paper – I	Advanced Banking P-I (Banking Laws in India)
2	Advanced Banking Paper – II	Advanced Banking P-II (Retail and Corporate Banking)
3	Advanced Banking Paper P-III	Advanced Banking P-III (Bank Management Practices)
4	Advanced Banking Paper P-IV	Advanced Banking P-IV (Financial Markets and Services)

Nature of question paper for B.Com -III Advanced Banking

Semester V & VI (Paper No. I to IV)

Attempt any five questions.

Total marks 40

Q1. Write short answers (any two out of three)	08
Q2. Broad question	08
Q3. Broad question	08
Q4. Broad question	08
Q5. Broad question	08
Q6. Broad question	08
Q7. Write short notes (any two out of three)	08

B.Com. Part-III Semester – V
Paper – I : DSE-I-1 : Rural Economics and Co-operation
(Optional Paper)

Course Outcomes:

1. Learners will be able to understand Rural Economy in India.
2. Learners will understand the correlation between Agriculture and Rural Development.
3. Learners will understand Agricultural productivity in India.
4. Learners will understand Role of Co-operation in Rural Development.

Unit I: - Rural Economy of India

(15 Periods)

- 1.1 Rural Economy: Concept, nature and features
- 1.2 Importance of Rural Economy
- 1.3 Indicators of Rural Development
- 1.4 Problems of Rural Economy

Unit II:- Agriculture Sector and Rural Development

(15 Periods)

- 2.1 Agriculture and Economic Growth
- 2.2 Peculiar Features of Indian Agriculture
- 2.3 Importance of Agriculture in Rural Development
- 2.4 Risk and Uncertainty in Indian Agriculture

Unit III: - Agricultural Productivity in India

(15 Periods)

- 3.1 Agricultural Productivity: Meaning, types and determinants
- 3.2 Indian Agricultural Productivity
- 3.3 Causes of Low Agricultural Productivity
- 3.4 Measures to improve the Agricultural Productivity

Unit IV: - Introduction to Co-operation

(15 Periods)

- 4.1 Co-operation: Meaning, definition and features
- 4.2 Principles of Co-operation (Manchester-1995)
- 4.3 Role of Co-operation in Rural Development
- 4.4 Issues in Cooperative Movement

References:

- i) Misra S. K. and V. K. Puri, Indian Economy, Himalaya Publishing Bombay (Latest edition)
- ii) Dutt R. and K.P.M. Sundharam, Indian Economy, S. Chand and Company, New Delhi
- iii) R.K.Lekhi and Joginder Singh, Agricultural Economics, Kalyani Publishers, New Delhi
- iv) K.V. Patel , A.C. Shah and L.D. Mello , Rural Economics, Himalaya Publishing Bombay
- v) S.S.Shejal, Impact of Agri based Industries on Rural Economy ABS Publication, Varanasi
- vi) T.N.Hajela, Co-Operation, Ane Book Pvt. Ltd. New Delhi
- vii) Vijay Kavimandan, Agricultural and Rural Economics (Marathi) Shri. Mangesh Prakashan Nagapur
- viii) C.B.Mamoria, Agricultural problems in India, Kitab Mahal New Delhi
- ix) Vasant Desai, Rural Economics, Himalaya Publishing Bombay

B.COM. Part - III Semester - V
(Optional Paper)
Paper – II : DSE-I-2 : Rural Economics and Co-operation

Course Outcomes:-

Student will be able to explain –

1. Awareness among the students regarding Rural Industrialization in India.
2. Agro based industries and small scale industries in India.
3. Non-credit co-operation and Rural Indebtedness in India.

Unit I - Rural Industrialization in India (15 Periods)

- 1.1 Need and concept of Rural Industrialization
- 1.2 Importance and problems of Agro-based Industries
- 1.3 Sugar Industry: Importance and problems
- 1.4 Dairy Industry: Importance and problems

Unit II- Cottage and Small-Scale Industries in India (15 Periods)

- 2.1 Meaning, features and difference between cottage and small-scale Industries
- 2.2 Role of Cottage and Small-Scale Industries.
- 2.3 Problems of cottage and Small-Scale Industries.
- 2.4 Government policy towards cottage and Small-Scale Industries

Unit III - Rural Indebtedness in India (15 Periods)

- 3.1 Meaning and nature of Rural Indebtedness.
- 3.2 Extent of rural indebtedness
- 3.3 Causes and effects of rural Indebtedness
- 3.4 Government measures to reduce rural indebtedness

Unit IV - Non-Credit Co-operatives in India (15 Periods)

- 4.1 Industrial Co-operatives: Types, functions and problems
- 4.2 Labour Co-operatives: Meaning, functions and problems
- 4.3 Consumers Co-operative: Types, functions and problems
- 4.4 Housing Co-operatives: Types, functions and problems

References:

- i) Misra S. K. and V. K. Puri, Indian Economy, Himalaya Publishing Bombay (Latest edition)
- ii) Dutt R. and K.P.M. Sundharam, Indian Economy, S. Chand and Company, New Delhi
- iii) R.K.Lekhi and Joginder Singh, Agricultural Economics, Kalyani Publishers, New Delhi
- iv) K.V. Patel , A.C. Shah and L.D. Mello , Rural Economics, Himalaya Publishing Bombay
- v) S.S.Shejal, Impact of Agri based Industries on Rural Economy ABS Publication, Varanasi
- vi) T.N.Hajela, Co-Operation, Ane Book Pvt. Ltd. New Delhi
- vii) Vijay Kavimandan, Agricultural and Rural Economics (Marathi) Shri. Mangesh Prakashan Nagapur
- viii) C.B.Mamoria, Agricultural problems in India, Kitab Mahal New Delhi
- ix) Vasant Desai, Rural Economics, Himalaya Publishing Bombay

B.Com. Part- III Semester – VI
Paper – III : DSE-I 3 : Rural Economics and Co-operation
(Optional Paper)

Course Outcomes:-

After completion of this course, the student will be able to-

1. Explain the rural resources in India.
2. Identify the problem of rural unemployment.
3. Understand the rural finance and agricultural co-operatives in India.

Unit I - Rural Resources in India

(15 Periods)

- 1.1 Livestock: Concept, present status, importance and problems.
- 1.2 Poultry: Present status, importance and problems.
- 1.3 Fishery: Sources, present status, problems.
- 1.4 Forest Resources and forestry: Features and importance, social forestry.

Unit II - Rural unemployment in India

(15 Periods)

- 2.1 Rural unemployment: meaning and nature
- 2.2 Types of rural unemployment
- 2.3 Causes of rural unemployment
- 2.4 Government programmes to reduce rural unemployment

Unit III - Rural Finance in India

(15 Periods)

- 3.1 Need and sources of rural finance
- 3.2 Nationalized commercial banks
- 3.3 Regional Rural Banks
- 3.4 National Bank for Agriculture and Rural Development (NABARD)

Unit IV- Agricultural Co-operatives in India

(15 Periods)

- 4.1 Co-operative farming: Types, problems and remedies
- 4.2 Co-operative Processing: Problems and remedies
- 4.3 Co-operative Marketing: Objectives, functions and problems
- 4.4 National Agricultural Co-operative Marketing Federation (NAFED): Functions and problems.

References:

- i) Misra S. K. and V. K. Puri, Indian Economy, Himalaya Publishing Bombay (Latest edition)
- ii) Dutt R. and K.P.M. Sundharam, Indian Economy, S. Chand and Company, New Delhi
- iii) R.K.Lekhi and Joginder Singh, Agricultural Economics, Kalyani Publishers, New Delhi
- iv) K.V. Patel , A.C. Shah and L.D. Mello , Rural Economics, Himalaya Publishing Bombay
- v) S.S.Shejal, Impact of Agri based Industries on Rural Economy ABS Publication, Varanasi
- vi) T.N.Hajela, Co-Operation, Ane Book Pvt. Ltd. New Delhi
- vii) Vijay Kavimandan, Agricultural and Rural Economics (Marathi) Shri. Mangesh Prakashan Nagapur
- viii) C.B.Mamoria, Agricultural problems in India, Kitab Mahal New Delhi
- ix) Vasant Desai, Rural Economics, Himalaya Publishing Bombay

B.Com. Part-III Semester – VI
Paper – IV : DSE- I 4 : Rural Economics and Co-operation
(Optional Paper)

Course Outcomes:-

After completion of this course, the student will be able to-

1. Understand rural infrastructure in India.
2. Explain rural poverty, food problem and food security in India.
3. Understand co-operative financial institutions in India.

Unit I - Rural Infrastructure in India (15 Periods)

- 1.1 Importance of infrastructure in rural development
- 1.2 Rural Electrification: Progress and problems
- 1.3 Irrigation facilities: Types, sources, progress and problems.
- 1.4 Transportation and Communication: Types, importance and problems.

Unit II - Rural Poverty in India (15 Periods)

- 2.1 Concept and types of rural poverty
- 2.2 Incidence of rural poverty
- 2.3 Causes of rural poverty
- 2.4 Poverty Alleviation Programmes

Unit III - Food Problem and Food Security in India (15 Periods)

- 3.1 Food problem: Different aspects of food problem.
- 3.2 Food Security: Meaning, definition and nature
- 3.3 Factors in Food Security
- 3.4 Remedies of Food Security

Unit IV - Co-operative Finance in India (15 Periods)

- 4.1 Meaning, Structure and Importance of Co-operative Finance.
- 4.2 Primary Agriculture Co-operative Credit Society: Functions and problems
- 4.3 District Central Co-operative Banks: Functions and problems
- 4.4 State Co-operative Banks: Functions and problems

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References:

- i) Misra S. K. and V. K. Puri, Indian Economy, Himalaya Publishing Bombay (Latest edition)
- ii) Dutt R. and K.P.M. Sundharam, Indian Economy, S. Chand and Company, New Delhi
- iii) R.K.Lekhi and Joginder Singh, Agricultural Economics, Kalyani Publishers, New Delhi
- iv) K.V. Patel , A.C. Shah and L.D. Mello , Rural Economics, Himalaya Publishing Bombay
- v) S.S.Shejal, Impact of Agri based Industries on Rural Economy ABS Publication, Varanasi
- vi) T.N.Hajela, Co-Operation, Ane Book Pvt. Ltd. New Delhi
- vii) Vijay Kavimandan, Agricultural and Rural Economics (Marathi) Shri. Mangesh Prakashan Nagapur
- viii) C.B.Mamoria, Agricultural problems in India, Kitab Mahal New Delhi
- ix) Vasant Desai, Rural Economics, Himalaya Publishing Bombay

EQUIVALENCE OF THE PAPERS / COURSES

Sr.	Existing title of the Paper	Revised Title of the paper
1	Rural Eco. & Co-operation (Optional) Paper -I	Rural Eco. & Co-operation (Optional) Paper -I
2	Rural Eco. & Co-operation (Optional) Paper- II	Rural Eco. & Co-operation (Optional) Paper- II
3	Rural Eco. & Co-operation (Optional) Paper -III	Rural Eco. & Co-operation (Optional) Paper -III
4	Rural Eco. & Co-operation (Optional) Paper -IV	Rural Eco. & Co-operation (Optional) Paper -IV

Nature of Question Paper for B.Com. - III
Subject- Rural Economics and Co-operation

Semester V and VI (Paper No. I to IV)

Attempt any five questions

Total Marks 40

Q1. Write short answers (any two out of three)	08
Q2. Broad question	08
Q3. Broad question	08
Q4. Broad question	08
Q5. Broad question	08
Q6. Broad question	08
Q7. Write short notes (any two out of three)	08

B.Com. Part-III- SEM-V (CBCS)
Paper I : DSE-J 1 : Advanced Statistics
(Mathematical Methods)
(Optional Paper)
Credit -4

Course Outcomes:

After completion of this course, students will be able to:

1. Evaluate a determinant.
2. Obtain the inverse of a matrix using different methods.
3. Explain the use of permutation and combination.
4. Explain the Binomial theorem and its expansion.

Unit 1 Determinant:

Definition, evaluation of determinant of order 2 and 3, properties of determinant (without proof), Examples based on evaluation and properties, Cramer's rule, solution to given system of linear equations of two and three variables by Cramer's rule. [15 Periods]

Unit 2 Matrix Algebra:

Definition of matrix, Types of matrices, Addition, subtraction and product of two or more matrices, examples on addition, subtraction and product, Inverse of a matrix by adjoint method, Inverse of a matrix by row transformation, examples based on inverse.[15 Periods]

Unit 3 Permutation and Combination:

Concept of permutation, combination, notation, definition, Relation between them, examples based on nC_r and nP_r . [15 Periods]

Unit 4 Binomial Theorem:

Concept and definition of Binomial Theorem, Expansion of $(a + b)^n$, $(a - b)^n$, finding of middle term, r^{th} term and coefficient of r^{th} term in the expansion, Numerical problems. [15 Periods]

Reference Books

- i) Business Statistics by S.S. Desai
- ii) Business Statistics by G.V. Kumbhojkar
- iii) Introduction to Mathematical Statistics by S.C. Gupta.
- iv) Mathematics & Statistics by Sureanjan Shah
- v) Text book of matrices by Shanti Narayan
- vi) Elements of Statistics, by D. N. Elhance
- vii) Fundamentals of Applied Statistics, by V. K. Kapoor.
- viii) Business Statistics, by G. C. Beri.

B.Com. Part-III- SEM-V (CBCS)
Paper II : DSE-J 2 : Advanced Statistics
(Applied Statistics)
(Optional Paper)
Credit -4

Course Outcomes:

After completion of this course, students will be able to:

1. Explain the concept of demography and terms related to it.
2. Use the life table and mortality table in real life situations.
3. Understand the concept of hypothesis testing and different tests of hypothesis.
4. Perform testing of hypothesis for the real-life examples.

Unit 1 Measures of Mortality and Fertility:

Concept of demography, vital events, Different measures to measure birth rates such as i) CBR ii) GFR iii) ASFR iv) TFR. Definition, formula, merits and demerits, example based on these rates. Different measures of mortality i.e. death rates such as i) CDR ii) SDR iii) STDR by direct method, Example based on these rates. [15Periods]

Unit 2 Measures of Population growth or Reproduction rates:

Limitations/definition of fertility rate, Introduction of measures of population growth, measures such as GRR and NRR, Definition, formulas, merits and demerits of each one, examples based on these measures. [15Periods]

Unit 3 Life table or Mortality table:

Definition, types of life table, various columns of life table, construction of life table, Examples based on fill in the blanks or total construction when x and $l(x)$ is known. Uses of life table. [15Periods]

Unit 4 Testing of Hypothesis:

Definition of Parameter, Statistic, Hypothesis (simple and composite, null and alternative), Critical Region, level of significance, Type-I and Type-II errors.

- a) Large sample tests for variables (z test): Test for $\mu = \mu_0$ and $\mu_1 = \mu_2$
- b) Large sample tests for proportion: Test for $p = p_0$ and $p_1 = p_2$
- c) Student's t test: Test for $\mu = \mu_0$ and $\mu_1 = \mu_2$

- d) Chi square test: Chi-square test of independence of two attributes (for $m \times n$ contingency table), derivation of formula for 2×2 contingency table. Examples based on these tests.
- e) Snedecore's F test: Test for $\sigma_1^2 = \sigma_2^2$ [15Periods]

Reference Books

- i) Business Statistics by S.S. Desai
- ii) Business Statistics by G.V. Kumbhojkar
- iii) Introduction to Mathematical Statistics by S.C. Gupta.
- iv) Mathematics & Statistics by Sureanjan Shah
- v) Text book of matrices by Shanti Narayan
- vi) Elements of Statistics, by D. N. Elhance.
- vii) Fundamentals of Applied Statistics, by V. K. Kapoor.
- viii) Business Statistics, by G. C. Beri.

B.Com. Part-III- SEM-VI (CBCS)
Paper III : DSE-J 3 : Advanced Statistics
(Probability and Probability distributions)
(Optional Paper)
Credit -4

Course Outcomes:

After completion of this course, students will be able to:

- i) Explain the concept of probability and compute the probability of various events.
- ii) Explain the concept of mathematical expectation and derive it.
- iii) Understand discrete probability distributions in general.
- iv) Understand Binomial, Poisson and Normal distributions

Unit No. 1 Probability

Concept and definitions of various terms used in probability, definition of probability. Examples based on definition. Addition and Multiplication laws of probability (with proof). Bayes theorem (Statement only). Examples on conditional probability and Bayes theorem.
[15 Periods]

Unit No. 2 Mathematical Expectation

Definition and examples based on mathematical expectation. Addition and Multiplication theorems on mathematical expectation (with proof). Examples based on these theorems. [15 Periods]

Unit No.3 Discrete probability distribution

Definition of probability mass function (pmf) distribution function (cdf). Properties of distribution function. Numerical Examples. [15 Periods]

Unit No. 4 Probability distributions

Binomial, Poisson and Normal distributions: Definition, properties and examples based on these distributions. Mean and variance of binomial and Poisson distributions (with Proof). Poisson distribution as limiting case of binomial distribution (with Proof). Limitations of Binomial distribution. Properties of normal curve. Fitting of Binomial and Poisson Distributions.
[15 Periods]

Reference Books for paper III:

- i) Business Statistics by S.S. Desai, Publisher: Jai-Gouri
- ii) Business Statistics by G.V. Kumbhojkar, Publisher: Phadake
- iii) Introduction to Mathematical Statistics by S.C. Gupta and V.K. Kapoor Sultan Chand & Sons, Delhi.

B.Com. Part-III- SEM-VI (CBCS)
Paper – IV : DSE-J 4 : Advanced Statistics
(Operations Research)
(Optional Paper)
Credit -4

Course Outcomes:

After completion of this course, students will be able to:

- i) Formulate and solve a linear programming problem.
- ii) Solve transportation problem using various methods.
- iii) Solve assignment problem using Hungarian method.
- iv) Solve Sequencing Problem.

Unit No. 1 Linear Programming Problem

Concept, formulation of Linear Programming Problem (L.P.P.). Solution of L.P.P. by graphical method. Examples based on minimization and maximization of given function.

[15 Periods]

Unit No. 2 Transportation problem

Concept, Mathematical Model, Balanced and Unbalanced Transportation problem (T.P.). Solution of T.P. by i) NWCR method ii) Least cost method, iii) Vogel's method. Examples based on these methods.

[15 Periods]

Unit No. 3 Assignment Problem

Concept, Mathematical Model, Balanced and Unbalanced Assignment Problem (A.P.) Hungarian method to obtain solution. Examples by Hungarian method.

[15 Periods]

Unit No. 4 Sequencing Problem

Concept of sequencing, sequencing of n jobs through 2 machines, and n jobs through 3 machines. Stepwise procedure. Examples to determine the sequencing and total time required. Also to find Idle time of the machine.

[15 Periods]

Reference Books for paper IV

- i) Operations Research by S. D. Sharma, Publisher: Kedar Nath.
- ii) Operations Research: An Introduction by H A Taha, Publisher: Pearson.
- iii) *Operations Research: Theory and Application*, J.K. Sharma, Publisher. Macmillan.

EQUIVALENCE OF THE PAPERS / COURSES

Sr.	Existing title of the Paper	Revised Title of the paper
1	Advanced Statistics Paper I (Mathematical Methods)	Advanced Statistics Paper I (Mathematical Methods)
2	Advanced Statistics Paper II (Applied Statistics)	Advanced Statistics Paper II (Applied Statistics)
3	Advanced Statistics Paper III (Probability and Probability distributions)	Advanced Statistics Paper III (Probability and Probability distributions)
4	Advanced Statistics Paper - IV (Operations Research)	Advanced Statistics Paper - IV (Operations Research)

Nature of question paper for B.Com -III

Semester V & VI (Paper No. I to IV)

Attempt any five questions.

Total marks 40

Q1. Write short answers (any two out of three)	08
Q2. Broad question	08
Q3. Broad question	08
Q4. Broad question	08
Q5. Broad question	08
Q6. Broad question	08
Q7. Write short notes (any two out of three)	08

B.Com Part – III Semester V

Paper-I: DSE-K1: E-Commerce

Course Outcome –

1. **Understanding the basic structure of E-Commerce industry**
2. **Understanding transactional flow in E-Commerce**

Sr No.	Topic	No of Lectures
Unit 1	<p>Introduction to Electronic Commerce</p> <ul style="list-style-type: none">• What is E-Commerce• Goals of E-Commerce• Functions of E-Commerce• Potential of E-Commerce Industry• Various e-commerce platforms at present• Types of E-Commerce segments (B2C, B2B, C2C etc.) <p>Practical – Get preliminary information of various E-Commerce companies</p>	15
Unit 2	<p>E-Commerce Framework</p> <ul style="list-style-type: none">• Introduction to E Commerce Structure / Framework• Internet• e-Commerce Portal / ERP System• Warehouse• Point of Sale (POS)• Payment Gateway• Call Centre• Data Analytics• CRM (Customer Relationship Management) <p>Practical – Draw Diagram of framework of any e-commerce company based on some practical research</p>	15
Unit 3	<p>Electronic Payment System</p> <ul style="list-style-type: none">• Introduction• Modes of Electronic payments (net banking, debit / credit card, payment wallets etc.)• Online payment process• Security controls• Online frauds & cautions to be taken care of• Online payment service providers <p>Practical – Prepare case study paper on online fraud</p>	15

Unit 4	<p>Online Order Processing</p> <ul style="list-style-type: none"> <li>• Order Intimations <li>• Shipping & Billing <li>• Bar Code System <li>• Shipment Tracking <li>• Order Dashboard <li>• Account Settlement <p>Practical – Visit any online seller and observe order processing activities</p>	15
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B.Com Part – III Semester III
Paper-II : DSE-K2 : E-Commerce

Course Outcome –

1. Understanding the various functions of E-Commerce industry
2. Understanding of cyber security threats and remedies
3. Understanding of basics of digital marketing

Sr No.	Topic	No of Lectures
Unit 1	<p>Supply Chain & Warehouse Management</p> <ul style="list-style-type: none">• Packaging of Products• Inventory Management – Coding, storage & monitoring• Security Controls <p>Practical – Visit any seller company who sales online and observe the warehouse management systems</p>	15
Unit 2	<p>Digital Marketing Basics</p> <ul style="list-style-type: none">• Various avenues of digital marketing• Difference between traditional marketing and digital marketing• SEO (Search Engine Optimization)• Recent Trends in digital marketing <p>Practical – Visit any Digital marketing service provider company and interact</p>	15
Unit 3	<p>Cyber Laws & Intellectual Property Rights, Internet Security</p> <ul style="list-style-type: none">• Types of cyber threats (financial, virus, hacking etc.)• Introduction to Information Technology Act• Importance of Trade Mark, Patents & Copy Right• Consequences of Infringement <p>Practical – Visit any Cyber Law Professional / IPR service provider company and interact</p>	15
Unit 4	<p>CRM (Customer Relationship Management)</p> <ul style="list-style-type: none">• What is CRM• Use of Technology for CRM• Future of Industry• New Marketing Trends• Loyalty Programmes <p>Practical – Make short study on CRM softwares used in the market</p>	15

Reference Books:

1. Concepts of E-Commerce by Adesh Pandye
2. E-Commerce by Sarika Gupta and Gaurav Gupta
3. E-Commerce Strategy, Technology and Implementation by Gary Schneider
4. The Complete E-Commerce Book by Janice Reynolds

B.Com Part – III Semester VI

Paper-III : DSE-K3 : E-Commerce

Course Outcome –

4. Understanding the various functions of E-Commerce and its technological aspect.
5. Understanding of consumer oriented e Commerce and e retailing.
6. Understanding of basics of digital marketing

Sr No.	Topic	No of Lectures
Unit 1	Internet Concepts & Technologies: <ul style="list-style-type: none"> • Concept & evolution of internet • Web technologies – Global Publishing concept, hypertext, • Concepts of URLs, HTTP, HTTPD, Servers, HTML, HTML Forms & CGI gateway services. 	
Unit 2	E-Commerce and its Technological aspect: <ul style="list-style-type: none"> • Developments in Information Technology and its relevance to E-Commerce • The scope of E- Commerce, E- Marketing • Benefits and limitations of E-Commerce, • Produce a generic framework for E-Commerce. • Architectural framework of Electronic Commerce, Web based E Commerce Architecture. <i>Practical – Conduct interview of minimum 5 online shop holders and observe their management systems</i>	15
Unit 3	Consumer Oriented E- Commerce and E-Retailing: <ul style="list-style-type: none"> • Traditional retailing and e retailing, Benefits of e retailing, • Models of e retailing, Features of e retailing. • E services: Categories of e-services, Web-enabled services, matchmaking services, Information-selling on the web, • E entertainment, Auctions and other specialized services. • Business to Business Electronic Commerce <i>Practical – identifying customer oriented e-Services and develop models of E-services</i>	15

Unit -4	Electronic Data Interchange: <ul style="list-style-type: none"> • Benefits of EDI, EDI technology, EDI standards, EDI Communications, EDI Implementation, EDI Agreements, EDI Security. • Electronic Payment Systems, Need of Electronic Payment System: Study and examine the use of Electronic Payment system and the protocols used, Study Electronic Fund Transfer and secure electronic transaction protocol for credit card payment. • Digital economy: Identify the methods of payments on the net – Electronic Cash, cheques and credit cards on the Internet. <i>Practical – Conduct Dummy bank transaction and write detail process of Electronic payment system, Fund transfer system.</i>	15
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Reference Books:

1. Elias. M. Awad, " Electronic Commerce", Prentice-Hall of India Pvt Ltd.
2. RaviKalakota, Andrew B. Whinston, "Electronic Commerce-A Manager's guide", Addison-Wesley. 3. Efraim Turban, Jae Lee, David King, H.Michael Chung, "Electronic Commerce–A ManagerialPerspective", Addison-Wesley.
4. Elias M Award, "Electronic Commerce from Vision to Fulfilment", 3rd Edition, PHI, Judy Strauss, Adel El-Ansary, Raymond Frost, "E-Marketing", 3RDEdition, Pearson Education.

B.Com Part – III Semester VI

Paper-IV : DSE-K4: E-Commerce

Course Outcome –

1. **Understanding the various functions of E-Commerce and its technological aspect.**
2. **Students able to know the security issues in E-Commerce.**
3. **Understanding of basics of digital marketing**

Sr No.	Topic	No of Lectures
Unit 1	Website Design and E-Commerce <ul style="list-style-type: none"> • Role of web – site in B2C e-commerce; website strategies & web-site design principles; • Push & pull technologies, alternative methods of customer communication. Multi – Media & E-commerce; push & pull technologies, alternative methods of customer communication	15

Unit 2	Online Retail Sector: <ul style="list-style-type: none"> Analyzing the Viability of Online Firms E-commerce in Action: E- Retailing Business Models <ul style="list-style-type: none"> The Service Sector: Offline and Online Online Financial Services Online Travel Services Online Career Services • On-Demand Service Companies 	15
Unit 3	Security Issues in E-Commerce: <ul style="list-style-type: none"> Introduction, need and importance Security risks of e-commerce, exposure of resources, Type of threats, sources of threats, Security tools & risk – management approach 	15
Unit 4	Ethical, Social and Political issues in E-Commerce: <ul style="list-style-type: none"> Basic Ethical Concepts, Analyzing Ethical Dilemmas, Candidate Ethical principles Privacy and Information Rights: Information collected at E-Commerce Websites, The Concept of Privacy, Legal protections Intellectual Property Rights: Types of Intellectual Property protection, Governance. <p><i>Practical – Prepare case study and project report on ethical, political and social issues E-Commerce</i></p>	15

Reference Books:1. Elias. M. Awad, " Electronic Commerce", Prentice-Hall of India Pvt Ltd.

2. RaviKalakota, Andrew B. Whinston, "Electronic Commerce-A Manager's guide", Addison-Wesley. 3. Efraim Turban, Jae Lee, David King, H.Michael Chung, "Electronic Commerce–A ManagerialPerspective", Addison-Wesley.

4. Elias M Award, "Electronic Commerce from Vision to Fulfilment", 3rd Edition, PHI, Judy Strauss, Adel El-Ansary, Raymond Frost, "E-Marketing", 3RDEdition, Pearson Education.

B. Com (CBCS Pattern)Part- III (Semester-V)

Paper IX : Tax Procedure and Practice

Title of paper- GST (CGST, SGST and IGST)

Generic Elective Course

(Credit 4)

Objectives:- 1) To enhance the knowledge of students with latest amendments in GST Law

2) To clarify the technical aspects and provisions in GST Law

Unit- I	GST Returns (Furnishing details of outward supply, Furnishing details of inward supply, First Return, Annual Return, Final Return, matching of Input Tax Credit)- Specimen Forms for the Returns	Periods-20
Unit- II	1) Sec. 35 Accounts and Sec. 36 Records (Period of Retention, Rules for maintenance of Accounts) 2) Sec. 67 Inspection, Search and Seizure (Power of Inspection, Authority for Search and Seizure)	Periods-10
Unit- III	TCS and TDS, Payment of GST (payment of tax, Interest etc.)	Periods- 10
Unit- IV	Basic Problems- Net GST liability, Time of Supply, Value of Supply	Periods- 20

B. Com (CBCS Pattern)Part- III (Semester-VI)

Paper XI : Tax Procedure and Practice

Title of paper- GST (CGST, SGST and IGST)

Generic Elective Course

Credit-4

Objectives:- 1) To enhance the knowledge of students with latest amendments in GST Law

2) To clarify the technical aspects and provisions in GST Law

Unit- I	Refund of GST (Refund of Tax, Interest on delayed refund	Periods-10
Unit- II	1) Assessment- Self Assessment, Provisional Assessment, Summery Assessment, Scrutiny Assessment, Best Judgment Assessment 2) Audit- Sec. 65- Audit by Tax Authorities Sec. 66- Special audit	Periods-10
Unit- III	1) Appeals and Revision (Appeals to appropriate authority, power of revisional authority) 2) Advance Rulings (Authority for advance rulings, application and procedure)	Periods- 20
Unit- IV	Basic Problems- Admissibility of ITC, Calculation of net GST liability, Composition levy	Periods- 20

B.com- III
Semester V and VI (CBCS Pattern)
Tax Procedure and Practice- GST (CGST, SGST and IGST)
Nature of Question Paper

Internal Marks-	10 marks
Shivaji University Exam	40 marks

Instructions:-

- 1) All question carry equal marks
- 2) Attempt any Five questions out of Seven

Q. 1	Theory- Short Notes (Any Two out of Four)	08 marks
Q. 2	Theory Broad Question	08 marks
Q. 3	Theory Broad Question	08 marks
Q. 4	Problems	08 marks
Q. 5	Problems	08 marks
Q. 6	Problems	08 marks
Q. 7	Problems	08 marks

Equivalence

Sr. No.	Old Name	New Name
1	Tax procedure and practice GST (CGST, SGST and IGST) paper- IX (Vocational)	Tax procedure and practice GST (CGST, SGST and IGST) paper- IX (CBCS)
2	Tax procedure and practice GST (CGST, SGST and IGST) paper- XI (Vocational)	Tax procedure and practice GST (CGST, SGST and IGST) paper- XI (CBCS)

Reference Books:-

- 1) A Birds eye view- Jha and Singh
- 2) GST made simple- Taxman
- 3) Basics of GST- Taxman
- 4) GST guide for Students- CA Vivek Agarwal

B. Com (CBCS Pattern) Part III (Semester V)

Paper X : Tax Procedure & Practice

Title of Paper – **Customs**

Generic Elective Course

Credit – 4

Objectives : -

1	To impart theoretical knowledge of Basic concepts of customs, import & export.
2	To develop the skills of solving problems of valuation and calculation of custom duties on imported goods.
3	To acquaint students with the term prohibition on import & export in customs.

Unit I	Introduction of Customs, Role in international trade, organization of customs in India, administration & operational authorities.	10 Hours
Unit II	An overview of Customs Act, 1962, Customs Tariff Act, 1975. Kinds of duties - Basic, Protective, CGST, safeguard, Anti-dumping, anti-subsidy, countervailing, NCCD, cess	10 Hours
Unit III	Important terms & definitions - Assessable value, baggage, Bill of Entry, Bill of Export, Dutiable Goods, Foreign Going Vessel, Exporter, Import Manifest, Prohibited Goods, Shipping Bill, Bill of Lading, Import, Importer, Stores, Letter of Credit, FOB, CIF, Goods Prohibition on importation & exportation of goods & its reasons, Smuggling	30 Hours
Unit IV	Basic problems- Valuation of imported goods, calculation of custom duty	10 Hours

B. Com (CBCS Pattern) Part III (Semester VI)
Paper XII : Tax Procedure & Practice
 Title of Paper – **Customs**
 Generic Elective Course

Credit - 4

Objectives : -

1	To understand the meaning of types & modes of import & export.	
2	To impart theoretical knowledge of import & export clearance procedure of goods in detail.	
3	To enhance the knowledge of students with the practical solutions of computation of Baggage.	

Unit I	<u>Import of Goods</u> - Types of import- Free, Restricted, Prohibited types of licenses - Advance, EPCG, DFRC, Modes of import <u>Export of Goods</u> - Types of export, types of Exporter, Modes of export	10 Hours
Unit II	<u>Clearance Procedure of Import & Export</u> Import - For Home Consumption, for warehousing, Ex-bond clearance Export -Procedure & filing of documents, Main, auxiliary & regular	20 Hours
Unit III	<u>Duty Drawback System</u> Meaning of scheme, Sec 74 & sec 75, Rules for drawback, Documents required for claiming drawback, types of duty drawback	10 Hours
Unit IV	<u>Clearance of Baggage</u> Meaning and kinds of baggage, Rules & procedure of import thereof Basic problems on clearance of baggage & calculation of custom duty thereon	20 Hours

	<p align="center">B.Com. Part-III Semester – V (Optional Paper) Industrial Management Paper – I Subject Code: DSE – B1 (Factory and Capital Management)</p>	
	<p>Objectives:-</p> <ol style="list-style-type: none"> 1. To make students familiar with the subject industrial management. 2. To expose the students the importance and applicability of industry management. 	
	<p>Learning Outcomes</p> <ol style="list-style-type: none"> 1. Understanding the concept Industrial Management. 2. Acquaintance with the Work Environment. 3. Acquaintance with the Plant Maintenance. 4. Acquaintance with Financial Management 	
	<p>Teaching Methods: <i>Lecture, Interactive ICT Based Use of case lets</i> <i>Lecture Interactive ICT Based Discussion Method</i></p>	
Sr. No	Content	No. of Lectures
1	<p>Unit I:-</p> <p>1.1 Introduction to Industrial Management– Meaning and importance of industrial management.</p> <p>1.2 Introduction to Enterprise Resource Planning (ERP), System Application and Product (SAP)</p> <p>1.3 Factory Location and Plant Layout-</p> <p>1.3.1 Factory Location: Meaning of location of factory, factors determining location of factory</p> <p>1.3.2 Plant Layout: Meaning of plant layout Objectives, Importance of plant layout, Factors influencing layout, Types of layout Problems of layout.</p>	20
2	<p>Unit II :- Work Environment -</p> <p>2.1 Meaning</p> <p>2.2 importance of work Environment</p> <p>2.3 Factors affecting work environment, Lighting, Ventilation, Sanitation, noise control and Air conditioning</p> <p>2.4 Quality Circles, Kaizen, 5 S,</p>	20
3	<p>Unit III :- Plant Maintenance –</p> <p>3.1 Concept, Importance</p>	10

	3.2 Objectives of good maintenance system 3.3 types of maintenance 3.4 Preventive Maintenance 3.5 Recent trends in plant maintenance	
4	Unit IV – Financial Management 4.1 Concept of financial Management, 4.2 Objective of Financial management 4.3 Importance and Determinants of Capital Management 4.4 Sources of finance 4.5 Fixed and working capital	10
	References for Paper I to IV : 1. L. C. Jhamb: Industrial Management Savitri Jhamb Everest Publishing House, Pune 2. J. K. Jain : Industrial Management\ Kitab Mahal– Agre 3. K. Aswathappa: Production and Operations Management 4. K. ShridharaBhat – Himalaya Publishing House 5. M. E. ThukaramRao: Industrial Management Himalaya Publishing House 6. Lundy J. L. : Effective Industrial Management Eurasia Publishing Co. 7. Srivastava R. M. : Management Policy and Strategic Management Concepts, Skills and Practices 8. Cost Accounting: B. K. Bhar 9. C. B. Mamoria Gankar: Dynamics of Industrial Relations 10. O. P. Khanna: Industrial Engineering and Management 11. K. Ashwathappa: Human Resource Management, Tata McGraw Hill, New Delhi 12. A. K. Ahuja : Industrial Management, Kalyani Publishers, New Delhi	

	<p style="text-align: center;">B.Com. Part-III Semester – V (Optional Paper) Industrial Management Paper – II Subject Code: DSE – B2 (Human Resource Management)</p>
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	Objectives: <ol style="list-style-type: none"> 1. To make students familiar with the subject human resource management. 2. To expose the students the importance and applicability of human resource management. 	
	Learning Outcomes: <ol style="list-style-type: none"> 1. Knowledge about the Human Resource Management 2. Acquaintance with the Human Resource Management 3. Acquaintance with the Employee Training. 4. Acquaintance with - Recent Trends in HRM 	
	Teaching Methods: Lecture, Interactive ICT Based Use of case lets. Lecture Interactive ICT Based Discussion Method	
Sr. No	Content	No. of Lectures
1	Unit I - Introduction to Human Resource Management- <ol style="list-style-type: none"> 1.1 Concept and Nature 1.2 Scope 1.3Significance 1.4 Objectives 1.5 Functions of HRM. 1.6 Ethical Issues In HRM: Meaning, Importance and Ethical Issues In HRM 	10
2	Unit II – Human Resource Planning (HRP) <ol style="list-style-type: none"> 2.1Meaning and need for Human resource Planning, Process of HRP Factors affecting HRP 2.2Job Analysis, Job Description, Job Specification. 2.3Recruitment and selection- <ol style="list-style-type: none"> 2.3.1 Meaning, 2.3.2 Sources of recruitment 2.3.3 Steps in the scientific selection procedure 2.3.4 e- recruitment: Meaning and Advantage 	20
3	Unit III – Employee Training and Performance Appraisal <ol style="list-style-type: none"> 3.1Employee Training- <ol style="list-style-type: none"> 3.1.1 Meaning 3.1.2 Need for training 3.1.3Steps in training 3.1.4Methods of Training 3.1.5Impediments of effective training 3.2Performance Appraisal and Merit Rating <ol style="list-style-type: none"> 3.2.1 Meaning 	20

	<p>3.2.2 purpose of performance appraisal</p> <p>3.2.3 Methods of performance appraisal 3.2.3 Ethics in performance appraisal</p> <p>Merit Rating-</p> <p>3.2.4 Meaning</p> <p>3.2.5 Benefits of Merit Rating,</p> <p>3.2.6 Difference between performance appraisal and merit rating</p>	
4	<p>Unit IV :- Recent Trends in HRM –(Concept and Nature)</p> <p>4.1 Employee's brand</p> <p>4.2 Outsourcing of HR</p> <p>4.3 e-HRM</p> <p>4.4 Work Life Balance</p> <p>4.5 Emotional Intelligence and Talent Management</p>	10
	<p>References for Paper I to IV:</p> <ol style="list-style-type: none"> 1. L. C. Jhamb : Industrial Management Savitri Jhamb Everest Publishing House, Pune 2. J. K. Jain : Industrial Management\ 3. K. Aswathappa : Production and Operations Management 4. K. ShridharaBhat – Himalaya Publishing House 5. M. E. Thukaram Rao : Industrial Management Himalaya Publishing House 6. Lundy J. L. : Effective Industrial Management Eurasia Publishing Co. 7. Srivastava R. M.: Management Policy and Strategic Management Concepts, Skills and Practices 8. Cost Accounting: B. K. Bhar 9. C. B. Mamoria Gankar : Dynamics of Industrial Relations 10. O. P. Khanna : Industrial Engineering and Management 11. K. Ashwathappa : Human Resource Management, Tata McGraw Hill, New Delhi 12. A. K. Ahuja : Industrial Management, Kalyani Publishers, New Delhi 	

<p align="center">B.Com. Part-III Semester - VI (Optional Paper) Industrial Management Paper – III Subject Code: DSE – B3 (Production Management)</p>	
	<p>Objectives:</p> <ol style="list-style-type: none"> 1. To make students familiar with the subject industrial management. 2. To Expose the students the importance and applicability of industrial management

	Learning Outcomes: Understanding the Meaning concept of Production Management and PPC. Acquaintance with the Productivity. Acquaintance with the Inventory Management Acquaintance with Logistic Management	
	Teaching Methods: 1. Lecture, Interactive ICT Based Use of case lets. 2. Lecture Interactive ICT Based Discussion Method	
Sr. No	Content	No. of Lectures
1	Unit I:- Production Management and Planning and Control (PPC): – 1.1Production Function- 1.1.1 Meaning, Concept and Objectives 1.1.2 Function of production Management 1.2Planning and Control (PPC): 1.2.1 Meaning 1.2.2 Objectives 1.2.3Importance of production planning and control 1.2.4 Techniques of production control Routing, Scheduling, Dispatching and follow up 1.2.5 Limitations of PPC.	20
2	Unit II :- Productivity - 2.1Meaning, Importance 2.2Measurement of Productivity 2.3Factors influencing productivity 2.4Methods of improving productivity 2.5ProductionV/s Productivity.	10
3	Unit III :- Inventory Management 3.1 Meaning and Objectives of inventory Management 3.2 Receipt and issue of material (Bin Card, Store Ledger) 3.3 Pricing of material Issues (First In First Out and Last In First Out) 3.4 EOQ 3.5 ABC Analysis and VED Classifications 3.6 Just in Time (JIT) Production – Meaning, Techniques and Advantages. 3.7 Recent Trends in Inventory Management.	20

4	Unit IV :- Logistic Management- 4.1 Meaning 4.2 Objectives 4.3 Importance of logistic Management, 4.4 Activities of the logistics Management 4.5 Functions-Transportation, Warehousing including Cold Storage Material handling and Packaging. 4.6 Supply chain Management: Meaning, Definition and Importance	10
	References 1. L. C. Jhamb: Industrial Management Savitri Jhamb Everest Publishing House, Pune 2. J. K. Jain: Industrial Management\ Kitab Mahal– Agre 3. K. Aswathappa : Production and Operations Management 4. K. Shridhara Bhat – Himalaya Publishing House 5. M. E. Thukaram Rao : Industrial Management Himalaya Publishing House 6. Lundy J. L.: Effective Industrial Management Eurasia Publishing Co. 7. Srivastava R. M.: Management Policy and Strategic Management Concepts, Skills and Practices 8. Cost Accounting : B. K. Bhar 9. C. B. MamoriaGankar : Dynamics of Industrial Relations 10. O. P. Khanna : Industrial Engineering and Management 11.KAshwathappa : Human Resource Management, Tata McGraw Hill, New Delhi 12. A. K. Ahuja : Industrial Management, Kalyani Publishers, New Delhi	

B. Com. Part-III Semester – VI (Optional Paper) Industrial Management Paper – IV Subject Code: DSE – B4 (Personnel Management)	
	Objectives: 1. To make students familiar with the subject industrial management. 2. To expose the students the importance and applicability of industry management.
	Learning Outcomes: 1. Knowing the meaning and concept about the Employee Remuneration. 2. Acquaintance with the Industrial Relations. 3. Acquaintance with the Employee Safety, Health and Moral 4. Acquaintance with HR Accounting

	Teaching Methods: <i>Lecture, Interactive ICT Based Use of case lets.</i> <i>Lecture Interactive ICT Based Discussion Method</i>	
Sr. No	Content	No. of Lectures
1	Unit I:- Employee Remuneration – 1.1 Concepts of remuneration 1.2 Meaning of wages and salary 1.3 Objectives of wage and salary administration 1.4 Factors influencing wage and salary structure and administration 1.5 Methods of wage payment Time rate, Piece rate 1.6 Incentive plans (Halsey, Rowan and Taylor)	10
2	Unit II :- Industrial Relations – 2.1 Meaning, Objectives and Significance of industrial relations 2.2 The parties to industrial relations 2.3 Factors affecting industrial relations. 2.4 Meaning and Causes of industrial Disputes 2.5 Measures taken by Govt. to prevent Industrial disputes.	20
3	Unit III :- Employee Safety, Health and Moral: 3.1 Meaning and need of employee safety 3.2 Factors in safety programme Meaning and importance of employee health 3.3 Occupational hazards, risks and diseases 3.4 Protection against health hazards and statutory provisions under The Factories Act, 1948– Health, safety and welfare provisions 3.5 Meaning of employee morale.	20
4	HR Accounting: 4.1 Meaning, Definition and Objectives 4.2 Advantages of HR Accounting 4.3 Determinants of Human Capital 4.4 Methods of HR Accounting	10
	References for Paper I to IV: 1. L. C. Jhamb : Industrial Management Savitri Jhamb Everest Publishing House, Pune 2. J. K. Jain : Industrial Management\ Kitab Mahal– Agre 3. K. Aswathappa : Production and Operations Management 4. K. Shridhara Bhat – Himalaya Publishing House 5. M. E. Thukaram Rao : Industrial Management Himalaya Publishing House 6. Lundy J. L. : Effective Industrial Management Eurasia Publishing Co. 7. Srivastava R. M.: Management Policy and Strategic Management Concepts, Skills and Practices 8. Cost Accounting: B. K. Bhar 9. C. B. Mamoria Gankar: Dynamics of Industrial Relations	

	<p>10. O. P. Khanna : Industrial Engineering and Management</p> <p>11.KAshwathappa : Human Resource Management, Tata McGraw Hill, New Delhi</p> <p>12. A. K. Ahuja : Industrial Management, Kalyani Publishers, New Delhi.</p>	
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Shivaji University, Kolhapur
Regulations and Guidelines
Under Choice Based Credit System (CBCS)
Bachelor of Arts (B. A.) Program
Under the Faculty of Humanities
(To be implemented from Academic Year 2018-19)

- 1. Implementation of Regulations & guidelines** - The Regulations and guidelines shall be implemented as mentioned below -

B.A. Part – I, Sem I & II from Academic year 2018-19

B.A. Part – II, Sem III & IV from Academic year 2019- 20

B.A. Part – III, Sem V & VI from Academic year 2020- 21

- 2. Eligibility Criteria:** As per Ordinance – O. B. A. 1

- 3. Pattern of CBCS for semester-** The pattern of CBCS for Semester examinations shall be as mentioned below:

- i. **B. A. Part – I, Sem I & II:-** 50 marks University Semester examination for each theory paper in each Semester.
- ii. **B. A. Part – II, Sem III & IV:-** 50 marks University Semester examination for each theory paper in each Semester except Environmental Studies.
For Environmental Studies at Semester IV, 70 marks will be for University examination for theory paper and 30 marks for the project work.
- iii. **B. A. Part – III, Sem V & VI :-** 40:10 pattern shall be applicable for each theory paper in each semester wherein 40 marks shall be for University Semester examination and 10 marks for internal assessment.

4. **Weightage:** There shall be 1900 marks for 3 years having 6 Semesters B. A. CBCS Program with 148 Credits.

- a) B. A. Part – I (Sem I & II) :**

For B. A. Part I total 12 papers with 6 papers of each semester and total Credits shall be 48 with 24 Credits for each Semester.



- I. There shall be Ability Enhancement Compulsory Courses (subjects) (hereafter termed as AECC) with Paper 1 for Sem I and Paper 2 for Sem II each of 50 marks, as compulsory English course.
- II. There shall be one Compulsory Generic Elective (CGE) to be chosen from group A or B.
- III. There shall be four Discipline Specific Elective Courses (subjects) (hereafter termed as DSE) per semester. Student can select any two papers each from DSE- A and DSE –B.

b) B.A. Part –II (Sem III & IV) –

For B. A. Part II total 13 papers with 6 papers for of each semester and one compulsory paper Environmental Studies. Credits shall be 52 with 28 Credits for Sem III and 24 Credits for Sem IV.

- I. There shall be Ability Enhancement Compulsory Course (subjects) (hereafter termed as AECC) with Paper 3 for Sem III and Paper 4 for Sem IV each of 50 marks, as compulsory English course.
- II. There shall be one compulsory Interdisciplinary Studies (IDS) to be chosen from group IDS -A or IDS- B. However it is compulsory to select IDS subject from respective DSE group, i. e. Candidate who has selected paper from DSE- C group should select from IDS- A group. Similarly Candidate who has selected paper from DSE- D group should select from IDS- B group.
- III. There shall be One Paper EVS (Theory – 70 marks) and Paper EVS (Project – 30 marks) as compulsory Environmental Studies course. The examination shall be conducted at the end of Sem IV. The Credits of the Environmental Studies course shall be assigned at the end of Sem IV.
- IV. There shall be two papers each, from two Discipline Specific Elective DSE- C and DSE - D (subjects) per semester.

c) **B.A. Part –III (Sem V & VI) –**

For B. A. Part III total 12 papers with 6 papers of each semester and Credits shall be 48 with 24 Credits for each Semester of these. For each



paper there shall be 3.2 Credits for theory and 0.8 credits for internal assessment.

- I. There shall be Ability Enhancement Compulsory Course AECC-5 for Sem V and AECC- 6 for Sem VI, each of 40 (Theory)+10(Intern) marks.
- II. There shall be one Discipline Specific Elective (hereafter termed as DSE-E) as a special course (subject) from B. A. part II – DSE- C or DSE-D.
- III. There shall be 5 theory papers each of 40 marks for a DSE-E per Semester. There shall be 5 internal assessments for each of 10 marks per Semester for DSE-E

5. Scheme of Examination –

The following shall be the scheme of Examination

The Question paper in each Semester for each theory paper for B. A. Semester I, II, III & IV shall be of 50 marks. The question paper for Environmental Studies for Semester IV shall be of 70 marks for theory and 30 marks for project work. For B. A. Semester V & VI question paper shall be of 40 marks for each theory paper.

The following shall be the scheme of Internal Assessment

There shall be continuous Internal Assessment for B.A. Part – III, Sem V & VI. Internal Examination/ assessment will be compulsory for all students. If a candidate fails or remains absent in Internal Examination, then candidate will have to clear the Internal Examination in subsequent attempt/s in next semester.

For B. A. Part – III, Sem V & VI – There shall be seminar of 10 marks at Sem V and there shall be oral examination for Sem VI for each theory paper.

6. **Duration of Semester Examination for each theory paper** - The duration of Semester Examination for each theory paper of 40/50 marks shall be of two hours except Environmental Studies of 70 marks (Sem IV, Examination) which shall be of 3 hrs.

7. **Equivalence of papers and chances for the students in previous-Semester pattern** - Two additional chances from the implementation of CBCS syllabus, shall be provided for the repeater students of old B. A. Part I, II, III – Sem I to VI. After this the concerned students will have to appear for the Examination as per CBCS Pattern. Equivalence of papers shall be provided as per revised syllabus for CBCS pattern.
8. **Standard of passing-** The Standard of passing shall be 35%. For B. A. Part I & II, Sem I to IV the candidate will have to score 18 marks out of 50 in each theory paper. Only for Environmental Studies (Sem IV, Examination) the Student will have to score marks 25 marks out of 70 in theory paper and 11 marks out of 30, for project work. For B. A. Part – III, Sem V and VI, the student will have to score 14 marks out of 40 in each theory paper and 4 marks out of 10 in each Internal Examination/ assessment. There will be a separate head of passing in Theory and Internal Examination. However ATKT rules shall be applicable to Theory Paper (University examination) only.
9. **Gradation Chart:**

Marks Obtained	Numerical Grade (Grade Point)	CGPA	Letter Grade
Absent	0 (zero)	-	-
0 - 34	0 (zero)	0.0 – 4.99	F (Fail)
35 - 44	5	5.00 – 5.49	C
45 - 54	6	5.50 – 6.49	B
55 - 64	7	6.50 – 7.49	B+
65 - 74	8	7.50 – 8.49	A
75 - 84	9	8.50 – 9.49	A+
85 - 100	10	9.50 – 10.0	O (Outstanding)

Note:

1. Marks obtained ≥ 0.5 shall be rounded off to next higher digit.
2. The SGPA & CGPA shall be rounded off to 2 decimal points.
3. Marks obtained in 50 marks or 200 marks paper shall be converted to 100 marks.

b) B.Sc. Part –II (Sem III & IV) –

For B. Sc. Part II total Credits shall be 52 with 28 Credits for Sem III and 24 Credits for Sem IV. For Sem III there shall be 16 Credits for theory and 12 credits for practical and for Sem IV there shall be 12 credits for theory and 12 credits for practical.

- I. There shall be One AECC with Paper C1 (Theory – 70 marks) and Paper C2 (Project – 30 marks) as compulsory Environmental Studies course. The examination shall be conducted at the end of Sem IV. The Credits of the Environmental Studies course shall be assigned at the end of Sem IV.
- II. There shall be 3 DSC (subjects) per semester.
- III. There shall be 2 theory papers each of 50 marks for a DSC.
- IV. There shall be 1 practical of 100 marks for each DSC.

c) B.Sc. Part –III (Sem V & VI) –

For B. Sc. Part III total Credits shall be 36 with 18 Credits for each Semester of these; there shall be 10 Credits for theory and 8 credits for practical per semester.

- I. There shall be AECC with Paper D for Sem V and Paper E for Sem VI each of 50 marks, as compulsory English course.
 - II. There shall be one Discipline Specific Elective (hereafter termed as DSE) as a special course (subject).
 - III. There shall be 4 theory papers each of 50 marks for a DSE.
 - IV. There shall be 4 practical of each of 50 marks.
- 5. Ordinances regarding the examination** – O. B.Sc. 2, 3 and 4 shall prevail; however, there is no Internal Examination for any Paper and course. The Results of the Examination will be declared on the basis of Credits gained and Grades achieved.
- 6. Practical examinations** – There shall be the annual system of examination in respect of practical examinations for B.Sc. program. The rules for practical

examinations shall be as per the letter / circular issued by respective Board of Studies time to time.

- 7. Equivalence of papers and chances for the students in previous – semester pattern** – Two additional chances shall be provided for the repeater students of the B.Sc. After this the concerned students will have to appear for the examination as per this revised scheme.

8. Standard of passing

a) For B.Sc. – I (Sem I & II)

Except English there shall be combined passing for two theory papers of 50 marks each for each course (subject) i.e. minimum 35 marks out of 100 are required for passing. There shall be separate passing for theory and practical courses. Minimum 18 marks out of 50 are required for passing of practical examination of each course. For English theory exam, minimum 18 marks out of 50 are required for passing.

b) For B. Sc. – II (Sem III & IV)

Except Environmental Studies, there shall be combined passing for two theory papers of 50 marks each for each course i.e. minimum 35 marks out of 100 are required for passing. There shall be separate passing for theory and practical courses. Minimum 35 marks out of 100 required for passing of practical examination of each course. For Environmental Studies theory paper minimum 25 out of 70 and for project minimum 10 marks out of 30 are required for passing. There shall be separate passing for theory and project examination for Environmental Studies.

c) For B. Sc. – III (Sem V & VI)

There shall be separate passing for four theory papers of 50 marks each. Minimum 18 marks out of 50 are required for passing. For practical examination minimum 70 marks out of 200 are required for passing. There shall be separate passing for theory and practical examinations. For English, minimum 18 marks out of 50 are required for passing.

- d)** For the candidate/ student in semester-V it is compulsory to appear for the paper entitled, “Constitution of India & Local Self Government”. The

R.B. Sc. 3 (ii): B. Sc. – II C B C S PATTERN

Structure - II

S E M E S T E R – III (Duration – 6 Months)														
Sr. No.	Course (Subject) Title	TEACHING SCHEME						EXAMINATION SCHEME						
		THEORY			PRACTICAL			THEORY				PRACTICAL		
		Credits	No. of lectures	Hours	Credits	No. of lectures	Hours	Hours	Max	Total Marks	Min	Hours	Max	Min
1	DSC-C	2	3	2.4	4	6.4	8	2	50	100	35	PRACTICAL EXAMINATION IS ANNUAL		
2	DSC-C	2	3	2.4				2	50					
3	DSC-C	2	3	2.4	4	6.4	8	2	50	100	35			
4	DSC-C	2	3	2.4				2	50					
5	DSC-C	2	3	2.4	4	6.4	8	2	50	100	35			
6	DSC-C	2	3	2.4				2	50					
7	AECC-C	4	4	3.2	---	---	---		---	---				
	TOTAL	16	22	17.6	12	19.2	24			300	---			
S E M E S T E R – IV (Duration – 6 Months)														
1	DSC-D	2	3	2.4	4	6.4	8	2	50	100	35	As per BOS Guide-lines	100	35
2	DSC-D	2	3	2.4				2	50					
3	DSC-D	2	3	2.4	4	6.4	8	2	50	100	35		100	35
4	DSC-D	2	3	2.4				2	50					
5	DSC-D	2	3	2.4	4	6.4	8	2	50	100	35		100	35
6	DSC-D	2	3	2.4				2	50					
7	AECC- C AECC- D	---	---	---	---	---	---	3	70 30	100	25 10	---	---	---
	TOTAL	12	18	14.4	12	19.2	24			300	---			
		28	40	32	24	38.4	48			600	--	---	300	
• Student contact hours per week : 32 Hours (Min.)														
• Total Marks for B.Sc.-II (Including EVS) : 1000														
• Theory and Practical Lectures : 48 Minutes Each														
• Total Credits for B.Sc.-II (Semester III & IV) : 52														
• AECC- Ability Enhancement Compulsory Course (1C) :														
Environmental Studies: EVS (Theory – 70 & Project – 30 Marks)														
• Practical Examination will be conducted annually for100 Marks per course (subject).														
• Except Environmental Studies, combined passing for two theory papers of 50 marks each. i.e. Min. 35 marks required for passing out of 100.														
• There shall be separate passing for theory and practical courses also for Environmental Studies.														

DSC IC44	Biochemistry II	DSC IC50	Fisheries II
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Sem – IV

Course code	Name of Course	Course code	Name of Course
B. Sc. 2: Sem IV DSC – 1D to 38D			
DSC D1	Physics VII	DSC D20	Geography VIII
DSC D2	Physics VIII	DSC D21	Geology VII
DSC D3	Chemistry VII	DSC D22	Geology VIII
DSC D4	Chemistry VIII	DSC D23	Seed Technology VII
DSC D5	Mathematics VII	DSC D24	Seed Technology VIII
DSC D6	Mathematics VIII	DSC D25	Microbiology VII
DSC D7	Statistics VII	DSC D26	Microbiology VIII
DSC D8	Statistics VIII	DSC D27	Industrial Microbiology VII
DSC D9	Electronics VII	DSC D28	Industrial Microbiology VIII
DSC D10	Electronics VIII	DSC D29	Biochemistry VII
DSC D11	Computer Science VII	DSC D30	Biochemistry VIII
DSC D12	Computer Science VIII	DSC D31	Psychology VII
DSC D13	Botany VII	DSC D32	Psychology VIII
DSC D14	Botany VIII	DSC D33	Food Science & Quality control VII
DSC D15	Zoology VII	DSC D34	Food Science & Quality control VIII
DSC D16	Zoology VIII	DSC D35	Astrophysics VII
DSC D17	Biotechnology (Opt) VII	DSC D36	Astrophysics VIII
DSC D18	Biotechnology (Opt) VIII	DSC D37	Nanotechnology (opt) VII
DSC D19	Geography VII	DSC D38	Nanotechnology (opt) VIII
		*	
AECC C Environmental Studies			
AECC D Project			

*Interdisciplinary Courses (IDS) (DSC – ID)

DSC ID39	Astrophysics III	DSC ID45	Plant Protection III
DSC ID40	Astrophysics IV	DSC ID46	Plant Protection IV
DSC ID41	Geochemistry III	DSC ID47	Pollution III

<p>Part-II Project Report.</p> <p>List of Restructured Subjects</p> <p>Combinations (Traditional Subjects)</p> <ol style="list-style-type: none"> 1. Plant Protection: Botany, Zoology, Chemistry. 2. Pollution: Botany, Zoology, Chemistry. 3. Agro-chemicals including Fertilizers: Chemistry, Botany. 4. Dairy Science: Zoology and Chemistry. 5. Fisheries: Zoology and Chemistry. 6. Ground Water Studies and Evaluation: Geology. 	
<p>B. Sc. Part-III</p> <p>iii) For B. Sc. Part-III, there shall be one compulsory paper in English or one paper in Foundation Course and one Principal subject to be chosen from the three/two subsidiary subjects offered at B. Sc. Part-II.</p> <p>B)i) <u>There</u> will be two papers and practical/s per Science subject at the B. Sc. Part-I. (The nature of the practicals will be decided by the respective Boards).</p> <p>In the case of English there will be one paper at <u>each semester</u> of B. Sc. Part-I.</p> <p>ii) There will be two papers and practical/s per subject at the B. Sc. Part-II.</p> <p>iii) There will be four papers and practical/s in the Principal subject at B. Sc. Part-III. There will be one paper <u>of</u> English or one paper of Foundation Course <u>at each semester</u>.</p> <p>C)Distribution of marks of Theory and Practical.</p> <p>iv) B. Sc. Part-I</p>	

Shivaji University, Kolhapur
Guidelines and Rules for Semester System
Under Choice Based Credit System (CBCS)
To be implemented from Academic Year 2018-19
Under the Faculty of Commerce and Management

1. **Implementation of Revised guidelines and rules** - The revised guidelines and rules shall be implemented gradually as mentioned below -

B.Com. Sem I & II from Academic year 2018- 19
B.Com. Sem III & IV from Academic year 2019- 20
B.Com. Sem V & VI from Academic year 2020- 21

2. **Pattern of Semester system** - The pattern for the purpose of Semester end examinations shall be as mentioned below:

- i. **B. Com. Sem I & II** :- 50 marks University Semester end examination for each theory paper in each Semester.
- ii. **B. Com. Sem III & IV**:- 50 marks University Semester end examination for each theory paper in each Semester except Environmental Studies. Only for Environmental Studies in Semester IV, 70 marks shall be for University examination for theory paper and 30 marks for project work.
- iii. **B. Com. Sem V & VI** :- 40:10 pattern shall be applicable for each theory paper in each semester wherein 40 marks shall be for University Semester end examination and 10 marks for internal assessment.
- iv. **Weightage** : There shall be 1900 marks for 3 years B. Com. CBCS Program with 148 Credits. 4 Credits for each course with 24 credits for each Semester except for Sem III & IV 28 Credits.

v. **Credit distribution chart for B. Com. Program with Course Code :**

Course Name	Total Courses(Papers)	Total Credits	% in total course
CC : Core Course	22	88	59%
AECC : Ability Enhancement Compulsory Courses	07	36	19%
GEC : Generic Elective Courses	04	16	11%
DSE : Discipline Specific Elective	4 (out of 44)	16	11%
TOTAL	37	148	100%

3. Scheme of Examination –

The following shall be the scheme of Examination

The Question paper in each Semester for each theory course (paper) for B. Com. Semester I, II, III & IV shall be of 50 marks. The question paper for Environmental Studies for Semester IV shall be of 70 marks for theory and 30 marks for project work. For B. Com. Semester V & VI question paper shall be of 40 marks for each theory course (paper).

The following shall be the scheme of Internal Assessment

There shall be continuous Internal Assessment for B.Com. Sem V & VI. Internal Examination/ assessment shall be compulsory for all students. If a student fails/remains absent in Internal Examination then candidate shall have to clear the Internal Examination in subsequent attempt/s in following semester.

For B. Com. Sem V & VI – There will be seminar of 10 marks in Semester V and there will be oral examination for Semester VI for each theory course (paper).

4. **Duration of Semester Examination for each theory paper** - The duration of Semester Examination for each theory course (paper) of 40/50 marks shall be of two hours except Environmental Studies (Semester IV, Examination) which shall be of 3 hrs. for 70 marks.
5. **Equivalence of papers and chances for the students in previous-Semester pattern** - Two additional chances shall be provided for the repeater students of old B. Com. Part I – Sem I & II. After this the students concerned shall have to appear for the Examination as per this revised CBCS Pattern. Equivalence of papers shall be provided as per revised syllabus for CBCS pattern.
6. **Standard of Passing-** The Standard of passing shall be 35%. For B. Com. Semester I, II, III & IV the student shall have to score 18 marks out of 50 in each theory paper. Only for Environmental Studies (Semester IV, Examination) the Student shall have to score marks 25 marks out of 70 in theory paper and 11 marks out of 30 for project work. For B. Com. Semester V and VI, the student will have to score 14 marks out of 40 in each theory paper and 4 marks out of 10 in each paper (internal). There shall be a separate head of passing in Theory and Internal Examination. However, ATKT rules shall be made applicable in respect of Theory Paper (University examination) only.
7. **Gradation Chart :**

Marks Obtained	Numerical Grade (Grade Point)	CGPA	Letter Grade
Absent	0 (zero)	-	-
0 – 34	0 (zero)	0.0 – 4.99	F (Fail)
35 – 44	5	5.00 – 5.49	C
45 – 54	6	5.50 – 6.49	B
55 – 64	7	6.50 – 7.49	B+
65 – 74	8	7.50 – 8.49	A
75 – 84	9	8.50 – 9.49	A+
85 – 100	10	9.50 – 10.0	O (Outstanding)

Note:

1. Marks obtained ≥ 0.5 shall be rounded off to next higher digit.
2. The SGPA & CGPA shall be rounded off to 2 decimal points.
3. Marks obtained in 50 marks or 200 marks paper shall be converted to 100 marks.

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ii) Structure of B. Com. Programme Sem III & IV

STRUCTURE - II													
SEMESTER- III - DURATION: 06 MONTHS													
Sr. No.	Course Type	TEACHING SCHEME						EXAMINATION SCHEME					
		THEORY (TH)			PRACTICAL (PR)			THEORY			PRACTICAL		
		No. of lectures	Hours	Credits	No. of lectures	Hours	Credits	PAPER HOURS	MAX	MIN	PRACT. HOURS	MAX	MIN
1	CC	4	3.2	4	NO PRACTICAL FOR THIRD SEMESTER			2	50	18	NO PRACTICAL EXAMINATION FOR THIRD SEMESTER		
2	CC	4	3.2	4				2	50	18			
3	CC	4	3.2	4				2	50	18			
4	CC	4	3.2	4				2	50	18			
5	AECC	4	3.2	4				2	50	18			
6	AECC	4	3.2	4				2	50	18			
7	AECC	2	1.6	--	--	--	--	--	--	--	--		
		26	20.8	24	-	-	-	TOTAL MARKS	300	----			
SEMESTER- IV - DURATION: 06 MONTHS													
Sr. No.	Course Type	TEACHING SCHEME						EXAMINATION SCHEME					
		THEORY (TH)			PRACTICAL (PR)			THEORY			PRACTICAL		
		No. of lectures	Hours	Credits	No. of lectures	Hours	Credits	PAPER HOURS	MAX	MIN	PRACT. HOURS	MAX	MIN
1	CC	4	3.2	4	NO PRACTICAL FOR FOURTH SEMESTER			2	50	18	NO PRACTICAL EXAMINATION FOR FOURTH SEMESTER		
2	CC	4	3.2	4				2	50	18			
3	CC	4	3.2	4				2	50	18			
4	CC	4	3.2	4				2	50	18			
5	AECC	4	3.2	4				2	50	18			
6	AECC	4	3.2	4				2	50	18			
7	AECC	2	1.6	4				3	70 + 30 (Project)		30 Marks Project Total 100 Marks.		
-		26	20.8	28				TOTAL MARKS	400	----	-		
-	Grand Total Sem III + IV	52	41.6	52					700	----	-		

Note :

1. CC : Core Course : All courses (subjects) are compulsory.
2. AECC : Ability Enhancement Compulsory Course : All courses (subjects) are compulsory.



Shivaji University, Kolhapur
Second year undergraduate compulsory course in
ENVIRONMENTAL STUDIES
Syllabus

1. **Nature of Environmental Studies.** (4 lectures)
Definition, scope and importance.
Multidisciplinary nature of environmental studies
Need for public awareness.
2. **Natural Resources and Associated Problems.** (4 lectures)
 - a) Forest resources: Use and over-exploitation, deforestation, dams and their effects on forests and tribal people.
 - b) Water resources: Use and over-utilization of surface and ground water, floods, drought, conflicts over water, dams benefits and problems.
 - c) Mineral resources: Usage and exploitation. Environmental effects of extracting and using mineral resources.
 - d) Food resources: World food problem, changes caused by agriculture effect of modern agriculture, fertilizer-pesticide problems.
 - e) Energy resources: Growing energy needs, renewable and non-renewable energy resources, use of alternate energy sources. Solar energy, Biomass energy, Nuclear energy.
 - f) Land resources: Solar energy, Biomass energy, Nuclear energy, Land as a resource, land degradation, man induced landslides, soil erosion and desertification.Role of an individuals in conservation of natural resources.
3. **Ecosystems** (6 lectures)
Concept of an ecosystem.
Structure and function of an ecosystem.
Producers, consumers and decomposers.
Energy flow in the ecosystem.
Ecological succession.
Food chains, food webs and ecological pyramids.
Introduction, types, characteristics features, structure and function of the following ecosystem :-
 - a) Forest ecosystem, b) Grassland ecosystem, c) Desert ecosystem,
 - d) Aquatic ecosystems (ponds, streams, lakes, rivers, oceans, estuaries).
4. **Biodiversity and its conservation** (6 lectures)
Introduction- Definition: genetic, species and ecosystem diversity.
Bio-geographical classification of India.
Value of biodiversity: consumptive use, productive use, social, ethical, aesthetic and option values.
India as a mega- diversity nation.
Western Ghat as a biodiversity region.
Hot-spot of biodiversity.
Threats to biodiversity habitat loss, poaching of wildlife, man- wildlife conflicts.
Endangered and endemic species of India.
Conservation of biodiversity: In-situ and Ex-situ conservation of



biodiversity.

5. **Environmental Pollution** (6 lectures)
Definition: Causes, effects and control measures of: Air pollution, Water pollution, soil pollution, Marine pollution, Noise pollution, Thermal pollution, Nuclear hazards.
Solid waste Management: Causes, effects and control measures of urban and industrial wastes. Role of a individual in prevention of pollution.
6. **Social Issues and the Environment** (8 lectures)
Disaster management: floods, earthquake, cyclone, tsunami and landslides.
Urban problems related to energy
Water conservation, rain water harvesting, watershed management
Resettlement and rehabilitation of people; its problems and concerns.
Environmental ethics: Issue and possible solutions.
Global warming, acid rain, ozone layer depletion, nuclear accidents and holocaust.
Wasteland reclamation.
Consumerism and waste products.
7. **Environmental Protection** (8 lectures)
From Unsustainable to Sustainable development.
Environmental Protection Act.
Air (Prevention and Control of Pollution) Act.
Water (Prevention and control of Pollution) Act.
Wildlife Protection Act.
Forest Conservation Act.
Population Growth and Human Health, Human Rights.
8. **Field Work** (10 lectures)
Visit to a local area to document environmental assets-
River/Forest/Grassland/Hill/Mountain,
or
Visit to a local polluted site - Urban / Rural / Industrial /Agricultural.
or
Study of common plants, insects, birds.
or
Study of simple ecosystems - ponds, river, hill slopes, etc.

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- 23) Paryavaran Sahastra - Gharapure

(M) Magazine

(R) Reference

(TB) Textbook



Dr. B. M. Hirdekar
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प्रति,

प्राचार्य/संचालक,

सर्व संलग्नित महाविद्यालये व परिसंस्था,

संदर्भ : पर्यावरण अभ्यास या द्वितीय वर्षाच्या सक्तीच्या पेपरबाबत.

महोदय,

वरील विषयासंदर्भात आदेशान्वये कळविण्यात येते की, मार्च/एप्रिल-१३ मध्ये झालेल्या द्वितीय वर्षाच्या पर्यावरण अभ्यास या सक्तीच्या पेपरमध्ये अनेक विद्यार्थी अनुत्तीर्ण झाले असल्याचे पालक व विद्यार्थी आणि प्राचार्य यांनी निदर्शनास आणून दिल्यानंतर सदर बाब अधिकार मंडळापुढे ठेवण्यात आली व त्याअनुषंगाने खालीलप्रमाणे सुधारणा करण्यात आली आहे.

- द्वितीय वर्षाच्या पर्यावरण अभ्यास या सक्तीच्या पेपरमध्ये थेअरी व प्रोजेक्ट व व्हायवा असे तीन स्वतंत्र कॉपोनंट आहेत व त्याचे पासिंग हेडही स्वतंत्र होते. सध्या निर्माण झालेली परिस्थिती विचारात घेता सदर पासिंग हेड एकत्र करण्यात आली असून १०० पैकी ४० गुण ज्या विद्यार्थ्यांना प्राप्त झाले आहेत, त्यांना सुधारित श्रेणी सी देण्यात येणार आहे.
- मात्र जे विद्यार्थी थेअरी व प्रोजेक्ट व व्हायवा यापैकी कोणत्याही हेडला गैरहजर किंवा प्राप्त झालेले गुण धून्य असतील तर असे विद्यार्थी अनुत्तीर्ण म्हणजेच सी ग्रेडसाठी अपात्र ठरतील.
- सुधारित श्रेणीचे मार्कलिस्ट स्वतंत्रपणे देण्यात येणार नाही. सध्या त्यांची यादी व लेजरपान त्या त्या महाविद्यालयाकडे पाठविण्यात येईल.
- ऑक्टोबर-१३ मध्ये होणा-या परीक्षेच्या मार्कलिस्टमध्ये सदर सुधारित श्रेणी दर्शविण्यात येईल.
- अंतीम वर्षाच्या ज्या विद्यार्थ्यांची वर उल्लेख केल्याप्रमाणे श्रेणी सुधारित होईल त्यांचा तपशील परस्पर पदवीदान विभागाकडे कळविला जाईल. जेणेकरून त्यांची पदवी त्यांना देता येईल.
- सदरचे बदल सर्व विद्याशाखांमधील द्वितीय वर्षाच्या पर्यावरण अभ्यास या सक्तीच्या पेपरसाठी लागू राहतील.

तरी वरील बाबी सर्व संबंधित विद्यार्थ्यांच्या निदर्शनास आणाव्यात व सोबतच्या नमुन्यात अशा अनुत्तीर्ण विद्यार्थ्यांची यादी त्या त्या परीक्षा विभागास सत्वर कळवावी.
कळावे,

आपला विश्वासू,

(Signature)

डॉ. बी.एम. हिर्डेकर
परीक्षा नियंत्रक

प्रत :-

- मध्यवर्ती मूल्यमापन विभागास,
- परीक्षक नियुक्ती विभागास,
- संगणक केंद्र विभागास,
- परीक्षा गोदाम पडताळणी विभागास,
- सर्व परीक्षा विभागप्रमुखांना

प्राचार्यांची सही व शिक्का



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एस.यु./अ.म./जनरल/40

दि. = 9 JUN 2015

प्राचार्य, सर्व संलग्नित महाविद्यालये, शिवाजी विद्यापीठ, कोल्हापूर.	संचालक, टेक्नॉलॉजी अधिविभाग/नॅनो सायन्स अँड टेक्नॉलॉजी अधिविभाग, शिवाजी विद्यापीठ, कोल्हापूर.
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विषय:- पदवी स्तरावर सक्तीचा असणारा पर्यावरणशास्त्र अभ्यासक्रमाच्या परीक्षा पध्दतीमधील सुधारणेबाबत.

महोदय / महोदया,

उपरोक्त विषयसंदर्भात विद्यापीठ अधिकार मंडळाच्या निर्णयास अनुसरून आपणारा आदेशान्वये कळविण्यात येते की, सर्व विद्याशाखेअंतर्गत द्वितीय वर्ष पदवी अभ्यासक्रमांकरिता सक्तीचा असणारा पर्यावरण अभ्यास या विषयाच्या परीक्षा पध्दतीमध्ये विद्यापीठ अधिकार मंडळाने खालीलप्रमाणे सुधारणा केली आहे.

The 70:30 examination pattern shall be followed for compulsory Environmental Studies. There shall be 70 marks theory and 30 marks for project to regular students and 70 marks theory and 30 marks assignments to distance education students. Theory examination pattern of regular as well as for distance education students shall remain the same.

उपरोक्त परीक्षा पध्दतीमधील सुधारणा शैक्षणिक वर्ष 2015-16 पासून लागू करण्यात आली आहे याची नोंद घ्यावी. तेंव्हा सदर बाब सर्व संबंधित शिक्षक व विद्यार्थी यांच्या निदर्शनास आणावी.

कळावे,

प्रति-वरीलप्रमाणे

Inward No.: 91
Date: 12/6/2015

आपला विश्वासू,
उपकुलसचिव

प्रत:-

- अधिष्ठाता, सर्व विद्याशाखा
- अध्यक्ष, अभ्यास/अस्थायी मंडळ (सर्व विद्याशाखा)
- स्वीय सहाय्यक, मा.कुलसचिव, संचालक बीसीयुडी व परीक्षा नियंत्रक

SHIVAJI UNIVERSITY, KOLHAPUR



Accredited by NAAC 'A' Grade
Revised Syllabus for
Bachelor of Arts
B.A. Part-III - MARATHI
CHOICE BASED CREDIT SYSTEM
(Syllabus will be implemented from June, 2020)

शिवाजी विद्यापीठ, कोल्हापूर
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मराठी अभ्यास मंडळ

Board of Studies in Marathi

पसंतीवर आधारित श्रेयांक पद्धती

Choice Based Credit System

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अभ्यासक्रम : Syllabus

Introduced from June 2020 onwards

समकक्षता / Equivalence

सत्र क्र. Sem.	अभ्यास- पत्रिका क्र. Paper No.	जुना अभ्यासक्रम अभ्यासपत्रिकेचे नाव	अभ्यास- पत्रिका क्र. Paper No.	नवा अभ्यासक्रम अभ्यासपत्रिकेचे नाव
V	VII	काव्यशास्त्र	VII	साहित्यविचार
V	VIII	भाषाविज्ञान आणि मराठी भाषा	VIII	मराठी भाषा व भाषाविज्ञान
V	IX	मराठी वाङ्मयाचा इतिहास	IX	मध्ययुगीन मराठी वाङ्मयाचा इतिहास (प्रारंभ ते इ.स.१५००)
V	X	मराठी भाषा : उपयोजन आणि सर्जन	X	मराठी भाषा व अर्थार्जनाच्या संधी
V	XI	वाङ्मयप्रवाहांचे अध्ययन (ग्रामीण साहित्य)	XI	वाङ्मयप्रवाहाचे अध्ययन : मध्ययुगीन
VI	XII	काव्यशास्त्र	XII	साहित्यविचार
VI	XIII	भाषाविज्ञान आणि मराठी भाषा	XIII	मराठी भाषा व भाषाविज्ञान
VI	XIV	मराठी वाङ्मयाचा इतिहास	XIV	मध्ययुगीन मराठी वाङ्मयाचा इतिहास (इ.स.१५०० ते १८००)
VI	XV	मराठी भाषा : उपयोजन आणि सर्जन	XV	मराठी भाषा व अर्थार्जनाच्या संधी
VI	XVI	वाङ्मयप्रवाहांचे अध्ययन (दलित साहित्य)	XVI	वाङ्मयप्रकाराचे अध्ययन : ललित गद्य (व्यक्तिचित्रे)

सूचना : १. सत्र पाच (V) साठी विद्यापीठाने प्रत्येक अभ्यासपत्रिकेनुरूप अंतर्गत मूल्यमापनासाठी १० गुणांसाठी सेमिनार सुचविला आहे. सदर सेमिनारसाठी त्या त्या अभ्यासपत्रिकेच्या अभ्यासक्रमानंतर सेमिनार विषय दिले आहेत. त्यापैकी एका विषयावर प्रत्येक विद्यार्थ्याने सादरीकरण करणे आवश्यक आहे. त्यामध्ये विषयानुसार उद्दिष्टे, प्रास्ताविक, विषयविवेचन, निष्कर्ष आणि संदर्भ या सूत्रानुरूप सादरीकरण गरजेचे आहे. ज्या विषयावर सेमिनार दिला आहे त्याची टिपणे विद्यार्थी व संबंधित विषय शिकविणाऱ्या शिक्षकांच्या स्वाक्षरीसह महाविद्यालयाच्या विभागात जतन करून ठेवणे आवश्यक आहे.

२. सत्र सहा (VI) साठी विद्यापीठाने प्रत्येक अभ्यासपत्रिकेनुरूप अंतर्गत मूल्यमापनासाठी १० गुणांचा गटप्रकल्प (Group Project) सुचविला आहे. सदर गटप्रकल्पासाठी त्या त्या अभ्यासपत्रिकेच्या अभ्यासक्रमानंतर गटप्रकल्प विषय सुचविले आहेत. त्यापैकी एका विषयावर गटप्रकल्प सादर करणे आवश्यक. गटप्रकल्प तयार करताना शीर्षक, उद्दिष्टे, प्रास्ताविक, गृहीतके, विषयाचे महत्त्व, विषयविवेचन, निष्कर्ष आणि संदर्भ या क्रमाने गटप्रकल्प तयार करावा. एका गटप्रकल्पासाठी कमाल ५ विद्यार्थी मर्यादा असावी. ज्या विषयावर गटप्रकल्प तयार केला आहे; त्यावर गटप्रकल्पांची व संबंधित विषय शिकविणाऱ्या शिक्षकांची स्वाक्षरी घेऊन सदर प्रकल्प विभागात जतन करून ठेवणे आवश्यक आहे.

SHIVAJI UNIVERSITY, KOLHAPUR.



Accredited By NAAC with 'A' Grade

Revised Syllabus For

B.A. Part-III

Hindi.

Syllabus to be implemented from

June, 2020 onwards.



शिवाजी विश्वविद्यालय, कोल्हापुर

हिंदी अध्ययन मंडल

जून 2020 से लागू

हिंदी स्पेशल बी.ए.-3 (कला)

सत्र-V, VI

Discipline Specific Elective

(शैक्षिक वर्ष -2020-21, 2021-22, 2022-23)

प्रस्तुत पाठ्यक्रम का निर्माण विश्वविद्यालय अनुदान आयोग, नई दिल्ली की मॉडल

पाठ्यचर्या (CBCS) के आलोक में किया गया है।

सत्र-V

- प्रश्नपत्र- VII : विधा विशेष का अध्ययन।
प्रश्नपत्र- VIII : साहित्यशास्त्र।
प्रश्नपत्र- IX : हिंदी साहित्य का इतिहास।
प्रश्नपत्र- X : प्रयोजनमूलक हिंदी।
प्रश्नपत्र- XI : भाषा विज्ञान और हिंदी भाषा।

सत्र-VI

- प्रश्नपत्र- XII : विधा विशेष का अध्ययन।
प्रश्नपत्र- XIII : साहित्यशास्त्र और हिंदी आलोचना।
प्रश्नपत्र- XIV : हिंदी साहित्य का इतिहास।
प्रश्नपत्र- XV : प्रयोजनमूलक हिंदी।
प्रश्नपत्र- XVI : भाषा विज्ञान और हिंदी भाषा।

सत्र V और VI : परीक्षा में एक प्रश्नपत्र 50 अंकों का होगा, जिसमें 40 अंक लिखित परीक्षा के और 10 अंक अंतर्गत मूल्यांकन के लिए हैं। जिसमें सेमिनार, मौखिकी, परियोजना, (प्रोजेक्ट) गृहकार्य, में से एक देना अनिवार्य है।

SHIVAJI UNIVERSITY, KOLHAPUR.



Accredited By NAAC with 'A' Grade

Revised Syllabus For

B.Sc Part- III

English (Compulsory)

Syllabus to be implemented from

June, 2020 onwards.

Shivaji University, Kolhapur



B. Sc. III
Compulsory English
Ability Enhancement Compulsory Course (CBCS)
ENGLISH FOR COMMUNICATION
From June 2020 Onwards

Course Objectives:

- To enhance students' communication skills
- To impart employability skills to students
- To prepare students for competitive examinations
- To enable students to acquire professional skills such as media writing
- To enable students to learn manners and etiquettes required at workplace
- To enhance students' reading comprehension skills
- To create interest in English literature among students
- To inculcate human values and ethics in order to enable them to become good citizens of the country

Course Outcomes: After the completion of the course, the students will be able to:

- Communicate in English, in oral and written modes, in their day-to-day lives as well as at workplaces.
- Face job interviews confidently and efficiently.
- Acquire soft skills required at workplaces and in real life.
- Learn group behavior and team work.
- Learn to value and respect others' opinions and views and develop democratic attitude.
- Face competitive examinations confidently and efficiently with adequate linguistic confidence.
- Acquire professional skills required in media writing such as writing editorials.
- Learn to appreciate and enjoy reading poetry and prose passages.
- Acquire human values and develop cultured outlook.

SEMESTER V AECC C

MODULE I

- A. Interview Skills
- B. Enterprise - Nissim Ezekiel

MODULE II

- A. E-Communication
- B. The Ant and the Grasshopper – W.S. Maugham

MODULE III

- A. English for Competitive Examinations
- B. The Look-Out Man - Nicholas Bentley

MODULE IV

- A. Forgetting Our Own History - Sudha Murty
- B.(i) The Butterfly – Arun Kolatkar
- (ii) For Your Lanes, My Country -- Faiz Ahmed Faiz

***Note: Semester V: 10 Marks for Internal Evaluation: STUDENTS' SEMINAR**

SEMESTER VI

AECC D

MODULE V

- A. Group Discussion
- B. Evolution - Alexie Sherman Alexie

MODULE VI

- A. Note Making and Note Taking
- B. Gateman's Gift - R. K. Narayan

MODULE VII

- A. Media Writing
- B. Karma - Khushwant Singh

MODULE VIII

- A. Bhaurao in America – P. G. Patil
- B. (i) The Grass is Really Like Me- Kishwar Naheed
(ii) To Granny – Tejaswini Patil

***Note: Semester VI: 10 Marks for Internal Evaluation: STUDENTS' GROUP PROJECT**

Division of Teaching Hours 8 Modules x 15 Hours = 120 Hours

SHIVAJI UNIVERSITY, KOLHAPUR.



Accredited By NAAC with 'A' Grade

Revised Syllabus For

B.A. Part-III

English

Syllabus to be implemented from

June, 2020 onwards.



Shivaji University, Kolhapur
B. A.III
Compulsory English
Ability Enhancement Compulsory Course (CBCS)
ENGLISH FOR COMMUNICATION
From June 2020 Onwards

Course Objectives:

- To enhance students' communication skills
- To impart employability skills to students
- To prepare students for competitive examinations
- To enable students to acquire professional skills such as media writing
- To enable students to learn manners and etiquettes required at workplace
- To enhance students' reading comprehension skills
- To create interest in English literature among students
- To inculcate human values and ethics in order to enable students' to become good citizens of the country

Course Outcomes: After the completion of the course, the students will be able to:

- Communicate in English, in oral and written modes, in their day-to-day lives as well as at workplaces.
- Face job interviews confidently and efficiently.
- Acquire soft skills required at workplaces and in real life.
- Learn group behavior and team work.
- Learn to value and respect others' opinions and views and develop democratic attitude.
- Face competitive examinations confidently and efficiently with adequate linguistic confidence.
- Acquire professional skills required in media writing such as writing editorials.
- Learn to appreciate and enjoy reading poetry and prose passages.
- Acquire human values and develop cultured outlook.

SEMESTER V AECC 5

MODULE I

- A. Interview Skills
- B. The Interview - V.V. John

MODULE II

- A. Grammar for Competitive Examinations
- B. The Lottery - Shirley Jackson

MODULE III

- A. Writing Skills for Competitive Examinations
- B. After Twenty Years - O' Henry

MODULE IV

- A. I Shall Return To This Bengal - Jibananda Das
- B.(i) Song of Youth - A. P. J. Abdul Kalam
- (ii) The Orphan Girl - Henry Derezio



***Note: Semester V: 10 Marks for Internal Evaluation: STUDENTS' SEMINAR**

SEMESTER VI

AECC 6

MODULE V

- A. Group Discussion
- B. The Lighthouse Keeper of Aspinwall - Henry Sienkiewicz

MODULE VI

- A. Note Making and Note Taking
- B. Three Questions - Leo Tolstoy

MODULE VII

- A. Media Writing
- B. Eight Rupees - Murli Das Melwani

MODULE VII

- A. The Mystic Drum - Gabriel Okara
- B. (i) Two Dead Soldiers- Jean Arasanayagam
(ii) Bora Ring - Judith Wright

***Note: Semester VI: 10 Marks for Internal Evaluation: STUDENTS' GROUP PROJECT**

Division of Teaching Hours 8 Modules x 15 Hours = 120 Hours

SHIVAJI UNIVERSITY, KOLHAPUR.



'A' Reaccredited By NAAC

Revised Syllabus for Bachelor of Arts (CBCS)

B. A. in Political Science

Faculty of Humanities B.A. Part – III

(Sem. V and VI)

Syllabus to be implemented from June, 2020



Shivaji University, Kolhapur
Revised Syllabus from June, 2020
Bachelor of Arts Part III – Political Science - Sem – V and VI

- 1) **Title:** Subject: Political Science (Paper No. 7 to 11) Optional under the Faculty of Arts.
- 2) **Year of Implementation:** Revised Syllabus will be implemented from June 2020 onwards.
- 3) **Duration:** The course shall be a full time course. The duration of course shall be three years.
- 4) **Pattern:** Pattern of examination will be Semester.
- 5) **Eligibility For Admission:** As per eligibility criteria prescribed for each course and the merit list in the qualifying examination.
- 6) **Medium of Instruction:** The medium of instruction shall be English or Marathi
- 7) **Equivalence In Accordance With Titles And Content Of Papers:** For Revised Syllabus As follows:

SEMESTER V

Sr No	Paper No	Title of Old Paper	Paper No	Title of New Paper
1	VII	Modern Government	VII	Political Theory
2	VIII	Public Administration	VIII	Public Administration
3	IX	International Politics	IX	International Politics
4	X	Constitution of United States of America	X	Comparative Politics
5	XI	Classical Western Political Thought	XI	Western Political Thought I

SEMESTER VI

Sr No	Paper No	Title of Old Paper	Paper No	Title of New Paper
1	XII	Modern Political Concepts	XII	Modern Political Concepts
2	XIII	Administrative Thinkers	XIII	Politics and Movements in Maharashtra
3	XIV	Foreign Policy of India	XIV	Foreign Policy of India
4	XV	Constitution of China and Sweden	XV	Comparative Government (With special reference to UK & USA)
5	XVI	Modern Western Political Thought	XVI	Western Political Thought II

Structure of Course

Revised syllabus of B.A. Part III (Political Science) From June, 2020

Semester	Paper No.	Title of the Paper	Theory Marks	Term work
Sem V	Paper VII	Political Theory	40	10
	Paper VIII	Public Administration	40	10
	Paper IX	International Politics	40	10
	Paper X	Comparative Politics	40	10
	Paper XI	Western Political Thought I	40	10
Sem-VI	Paper XII	Modern Political Concepts	40	10
	Paper XIII	Politics and Movements in Maharashtra	40	10
	Paper XIV	Foreign Policy of India	40	10
	Paper XV	Comparative Government (With special reference to UK & USA)	40	10
	Paper XVI	Western Political Thought II	40	10

SHIVAJI UNIVERSITY, KOLHAPUR.



Accredited By NAAC with 'A' Grade

Revised Syllabus For

B.A. Part-III

Sociology

Syllabus to be implemented from

June, 2020 onwards.



Shivaji University, Kolhapur.

REVISED SYLLABUS OF B. A. III SOCIOLOGY

Choice Based Credit System (CBCS)

Semester – V, DSE – E66 SOCIOLOGY – VII

WESTERN SOCIOLOGICAL THINKERS

(June, 2020 onwards)

A) Course Objectives

Objective of teaching sociological Thinkers to undergraduate students is to enable them to apply theory to their own everyday life experiences.

This requires that students develop their sociological imagination and the capacity to read each situation sociologically and then to think about it theoretically.

To this end, it is imperative that sociological theory courses demonstrate the applicability of theory to students.

B) Course Learning Outcomes:

1. Understanding the grand foundational themes of sociology.
2. Application of theories and concepts from classical sociological theories to develop intellectual openness and curiosity.
3. Appreciation of the classical concepts and theories to develop awareness of the limits of current knowledge.

C) Course Content:

Module	Topic and Sub-Topic	Teaching Hours	Credits
Module -I	AUGUSTE COMTE A) Law of Three Stages B) Concept of Positivism. C) Social Statics and Social Dynamics.	15	1
Module -II	KARL MARX A) Dialectical Materialism B) Theory of Class Conflict C) Theory of Alienation	15	1

Module -III	EMILE DURKHEIM A) The Study of Social Facts B) Theory of Division of Labour C) Theory of Suicide	15	1
Module -IV	MAX WEBER A) The Ideal Type B) Theory of Social Action C) Types of Authority.	15	1

D) Teaching Learning Process:

1. The students are encouraged to read the original texts and the teacher often participates in the reading process. Thereby the teacher engages in active, rather than passive, pedagogy.
2. It is important that the classroom sessions, initiated either by the student or the teacher, would encourage teamwork and draw students towards learning, yet there are other means available now which add to that. The use of digital/ICT generated techniques (audio-visual aids).

E) Assessment Methods:

1. Class assignments/term papers, theme(s) of which are chosen following teacher student discussion, is one of the ways of assessing the subject and writing skill of the students.
2. Tutorial discussion oral presentations and viva-voce, short individual/team led field studies/projects and seminars/workshops are other modes of assessment. These are included in the Internal Assessment (IA) system.
3. Mid-semester examination is another mode of assessment. Here again, the topic(s) on which the students are to be examined are chosen through teacher-student consultation. Mid-semester examination tests the students on the grasp of the topic(s) in particular and the discipline in general.
4. The end-semester examination is conducted by the university and the student is tested and evaluated on the basis of the entire paper (syllabus). S/he is expected to have a full knowledge of the paper and prescribed readings.

NOTE: Visit to University Library

B.A. Sociology Outcome

Sociology is the most contemporary and versatile of the Social Sciences. It trains students to grasp social structures, understand social processes map the dynamics of social change, decipher social interactions and make sense of individual and collective experiences in their social, historical and cultural context. Sociology is at once critical and constructive; conceptual and applied; theoretical and empirical. It is a science that cohabits comfortably with literary flair, speculative sensibility, historical imagination and statistical rigour. It is incessantly reflexive about its methods, demanding about its research techniques and standards of evidence. Sociology is ever so subtle about the conceptual distinctions it draws and zealous about its disciplinary boundaries and identity. At the same time, sociology is the most open and interdisciplinary of social sciences. The Pursuit of sociology is a systematic effort at recovering, mapping and making sense of our kaleidoscopic collective self under the sign of modernity. It is both historical and comparative. Sociology as an academic discipline is committed to the ideal of generating public knowledge and fostering public reason. It embodies best of enlightenment virtues: scientific reason, tolerance of diversity, humanistic empathy and celebration of democratic ideals. It is the science of our times.

Teaching Learning Process

Multiple pedagogic techniques are used in imparting the knowledge both within and outside the classrooms. Listed below are some such techniques:

- Lectures
- Tutorials
- Power-point presentations
- Project work
- Documentary Films on relevant topics
- Debates, Discussions, Quiz
- Talks /workshops

- Interaction with experts
- Academic festivals
- Classics and other sociologically meaningful films
- Excursions and walks within the city
- Visit to the museums
- Outstation study tours Survey designs
- Internships

A note on Assessment Methods

Besides the formal system of University exams held at the end of each semester as well as mid-semester and class tests that are held regularly, the students are also assessed on the basis of the following:

- Written assignments
- Projects Reports
- Presentations
- Participation in class discussions
- Ability to think critically and creatively to solve the problems
- Application of classroom concepts during fieldwork
- Reflexive Thinking
- Engagement with peers
- Participation in extra and co-curricular activities
- Critical assessment of Films /Books etc.

SHIVAJI UNIVERSITY, KOLHAPUR



Revised syllabus for
Bachelor of Arts (Part – III)

SEMESTER V & VI

ECONOMICS

Syllabus to be implemented from June 2020 onwards

Equivalence B.A.III Economics Sem- V

Sem No.	Paper No.	Title of Old Paper	Sem No.	Discipline	Title of New Paper
V	VII	Micro Economics	V	Economics Course - 7	Principles of Micro Economics- I
V	VIII	Research Methodology in Economics (Part I)	V	Economics Course- 10	Research Methodology in Economics- I
V	IX	History of Economic Thoughts (Part I)	V	Economics Course - 11	History of Economic Thoughts- I
V	X	Economics of Development	V	Economics Course - 8	Economics of Development
V	XI	International Economics (Part I)	V	Economics Course - 9	International Economics- I

Equivalence B.A.III Economics Sem- VI

Sem No.	Paper No.	Title of Old Paper	Sem No.	Economics Course	Title of New Paper
VI	XII	Market and Pricing	VI	Economics Course- 12	Principles of Micro Economics- II
VI	XIII	Research Methodology in Economics (Part II)	VI	Economics Course- 15	Research Methodology in Economics- II
VI	XIV	History of Economic Thoughts (Part II)	VI	Economics Course- 16	History of Economic Thoughts- II
VI	XV	Economics of Planning	VI	Economics Course- 13	Economics of Planning
VI	XVI	International Economics (Part II)	VI	Economics Course- 14	International Economics- II

SHIVAJI UNIVERSITY, KOLHAPUR



Revised Syllabus for
Bachelor of Arts (Part- III)

SEMESTER V & VI
HISTORY

(Syllabus to be implemented from June 2020 onwards)

EQUIVALANCE OF B.A. III HISTORY SEMESTER- V



Semester	Paper No	Title of Old Paper (June 2015)	Semester	Course No	Title of New Course (June 2020)
V	Paper No. VII	History of Ancient India (From Prehistory to 3rd c. BC)	V	Course No. VII	Early India (from beginning to 4th c. BC)
V	Paper No. VIII	Political History of Medieval India (1206 to 1707 A.D.)	V	Course No. VIII	History of Medieval India (1206-1526 AD)
V	Paper No. IX	India Since Independence -I	V	Course No. IX	Age of Revolutions
V	Paper No. X	History of the Marathas (1707-1818)	V	Course No. X	Political History of the Marathas
V	Paper No. XI	Introduction to Historiography	V	Course No. XI	History: Its Theory

EQUIVALANCE OF B.A. III HISTORY SEMESTER VI

Semester	Course No	Title of Old Paper	Semester	Course No	Title of New Course
VI	Paper No. XII	History of Ancient India (From 3 c. BC to 7th c. AD)	VI	Course No. XII	Ancient India (From 4th c. BC to 7th c. AD)
VI	Paper No. XIII	Socio-Economic and Cultural History of Medieval India (1206 to 1707 A.D.)	VI	Course No. XIII	History of Medieval India (1526-1707 AD)
VI	Paper No. XIV	India Since independence- II	VI	Course No. XIV	Making of the Modern World (16th to 19th Century)
VI	Paper No. XV	Modern Maharashtra (1960 to 2000)	VI	Course No. XV	Polity, Economy and Society under the Marathas
VI	Paper No. XVI	Applications of History	VI	Course No. XVI	Methods and Applications of History

STRUCTURE OF PROGRAMME
REVISED SYLLABUS B.A. PART III (HISTORY)

Sr.No	Semester	Title of Course	Course No.	Credit	Workload	Total Credits	Theory Marks	Term Work/ Seminar
1	V	Early India (from beginning to 4th c. BC)	Course No. VII	04	4 lectures/ Week	20 Credits	40	10
2	V	History of Medieval India (1206-1526 AD)	Course No. VIII	04	4 lectures/ Week		40	10
3	V	Age of Revolutions	Course No. IX	04	4 lectures/ Week		40	10
4	V	Political History of the Marathas	Course No. X	04	4 lectures/ Week		40	10
5	V	History: Its Theory	Course No. XI	04	4 lectures/ Week		40	10
Sr.No	Semester	Title of Course	Course No.	Credit	Workload	Total Credits	Theory Marks	Term Work/ Group Project
6	VI	Ancient India (From 4th c. BC to 7th c. AD)	Course No. XII	04	4 lectures/ Week	20 Credits	40	10
7	VI	History of Medieval India (1526-1707 AD)	Course No. XIII	04	4 lectures/ Week		40	10
8	VI	Making of the Modern World (16th to 19th Century)	Course No. XIV	04	4 lectures/ Week		40	10
9	VI	Polity, Economy and Society under the Marathas	Course No. XV	04	4 lectures/ Week		40	10
10	VI	Methods and Applications of History	Course No. XVI	04	4 lectures/ Week		40	10

SHIVAJI UNIVERSITY, KOLHAPUR.



Accredited By NAAC with 'A' Grade

Revised Syllabus For

B. A. Part-III & B. A. B. Ed.

Geography

(Evolution of Geographical Thought)

CBCS PATTERN

Syllabus to be implemented from

(Subject to the modifications to be made from time to time)

Syllabus to be implemented from June 2020 onwards



**B. A. Part – III & B. A. B. Ed. Geography
(Evolution of Geographical Thought)
Sem-V**

Syllabus to be implemented from June 2020 onwards

1. TITLE : Evolution of Geographical Thought

Optional under the Faculty of Science

2. YEAR OF IMPLEMENTATION :

Revised Syllabus will be implemented from June 2020 onwards.

3. PREAMBLE

This curriculum focuses on the understanding of core and fundamental branches of the discipline. This paper is specially designed to cater to foundation building of the students by imparting knowledge about the pillars of geography. It encompasses the evolution of the subject right from the experiences and understanding of travelers and explorers regarding space, place and people to the progression towards establishment of the discipline geography in sciences.

4. GENERAL OBJECTIVES OF THE COURSE

- 1) To study the historical evolution of geographic thought.
- 2) An analysis of different paradigms in geography.
- 3) To evaluating the contemporary trends in geographical studies.
- 4) To study the paradigms and debates in the geographical studies.
- 5) To study the recent trends in geography.

5. COURSE OUTCOMES

- 1) Student should be able to understand in-depth about the Evolution of Geographical Thought.
- 2) Students should be able to analyse the recent trends in geography.
- 3) Student should be able to make use of various models of paradigms and debates in the geographical studies.
- 4) Understanding of recent trends in geography.

6. DURATION

- The course shall be a full time course
- The duration of course shall be of one year (Sem. – V)

7. PATTERN

Pattern of Examination will be Semester

8. FEE STRUCTURE

(As per the Shivaji University rules; and as applicable to regular)

9. ELIGIBILITY FOR ADMISSION :

As per eligibility criteria prescribed for each course and the merit list in the qualifying examination.

10. MEDIUM OF INSTRUCTION :

The medium of instruction shall be in English or Marathi. (as applicable to the course /programme concerned.)

11. STRUCTURE OF COURSE 50 MARKS

(Note – The structure & title of papers of the degree as a whole should be submitted at the time of submission/revision of first year syllabus.)

SEMESTER FIFTH

Paper No.

DSE-E106 or VII, Evolution of Geographical Thought

Title Marks

50

12. SCHEME OF TEACHING AND EXAMINATION

[The scheme of teaching and examination should be given as applicable to the course/paper concerned.]

Sr. No.	Subject/Paper	Teaching Scheme (Hrs/Week)				Examination Scheme (Marks)		
		L	T	P	Total	Theory	Term Work	Total
1	Evolution of Geographical Thought	04	04	00	04	40	10	50

13. SCHEME OF EXAMINATION :

- The examination shall be conducted at the end of each semester
- The theory paper shall carry 40 marks
- The term work shall carry 10 marks
- The evaluation of the performance of the students in theory papers shall be on the basis of Semester Examination of 50 marks.
- Question Paper will be set in the view of the /in accordance with the entire Syllabus and preferably covering each unit of syllabi.

14. STANDARD OF PASSING:

As Prescribed under rules & regulation for each degree/ programme.

15. NATURE OF QUESTION PAPER AND SCHEME OF MARKING :

(Unit wise weightage of marks should also be mentioned)

Semester V	Marks
Question : 1) Objective Type Question (Multiple Choice)	05
Question: 2) Short Notes (Any three out of five)	15
Question: 3) Detailed Answer Type Question (Any two out of three)	20



Revised Syllabus for B. A. – III and B. A. B. Ed.

(Introduced from June 2020 Onwards)

Revised Syllabus for

B. A. (Part III) Geography

DSE-E235 or Paper No. XIV (Practical Paper -II)

(ii) Title of Paper - Advanced Tools, Techniques & Field Work in Geography(100 Marks)

Module-I: Introduction to Computer

Lectures- 50

Marks-10

1.1: Introduction to Computer

1.2: Application of computer in geography

1.2.1: Construction of Line Graphs, Bar Graphs

1.2.2: Construction of Pie Diagram and Scatter Diagram

1.3: Application of Excel for Data Analysis

Module-II: Remote Sensing

Lectures- 50

Marks-15

2.1 Definition of Remote Sensing

2.2 Fundamentals of Remote Sensing: EMR, Sensors and Platforms

2.3 Application of Remote Sensing in Geography

2.4 Aerial photographs and Satellite imagery: Definition, types and difference between them

2.5 Determination of Photo Scale

2.6 Elements of image interpretation

2.7 Identification of Physical and cultural features from Aerial Photographs or Satellite Imagery

Module-III: GIS and GNSS

Lectures- 50

Marks-15

3.1 Geographical Information System (GIS)

3.1.1 Definition and components

3.1.2 GIS Data Structure: Types (spatial and non-spatial), Raster and Vector data

3.1.3 Georeferencing, Digitization, Map Layout Preparation



3.1.4 Application of GIS in Geography: Land use or Land Cover, Urban Sprawl Analysis, Forests Monitoring

3.2 Global Navigation Satellite System

3.2.1 Definition and components

3.2.2: GPS and its applications in Geography

3.2.3 Field work in GPS: Determining latitude, longitude and altitude

3.3: Exercise with Google earth Program.

Module-IV: Statistical methods and techniques

Lectures- 60

Marks-10

4.1 Measures of Central Tendency: Mean, Median and Mode

4.2 Dispersion: Mean Deviation and Standard Deviation

4.3 Association and Correlation: Karl Pearson's Method (Product Moment)

4.4 Analysis of Time Series: Semi-average Method

Module-V: Surveying

Lectures- 60

Marks-15

5.1 Introduction to Survey: Meaning and types

5.2 Preparation of plans of the given area with the following survey method

(Any one methods among them)

A- Plane Table survey (Radial, Intersection, and Traverse method)

B- Dumpy Level survey

C- Theodolite survey

D- Total Station

E- Abony Level Survey

5.3 Preparation of plans Prismatic compass survey (Radical, Intersection and Traverse method)

5.3.1 Types and conversion of bearings.

5.3.2 Correction of bearing.

Module-VI: Project work based on field work any one of following:

Marks-15

Resource survey, Population survey, Agricultural survey, Settlement Survey,

Environmental issues, Industrial visit, Health survey, Natural Hazard or Disaster

1. Project Report must be content of following points:

Introduction – Aims – Objectives - Review of the literature - Data collection –
Methodology - Data Analysis – Interpretation - Findings – Suggestions - Bibliography

2. The duration of the field work should not exceed than 20 days.
4. The word count of the report should be about 8000 to 12,000 excluding figures, tables, photographs, maps, references and appendices.
5. One copy per student of the report as per research standard should be submitted at the time of examination.

Module- VII: Study Tour

Marks-10

Maximum 15 days of Study Tour and preparation of Tour Report.

The Study Tour Report must be content of following points:

Introduction – Necessity – Importance - Route map – Objectives – Methodology -
Geographical Profile (Natural, Socio-economic and Cultural) - Geographical importance of
visited tourist places – Conclusion – References

Journal and Viva Voce

Marks 10

Note :

1. Use of stencils, log tables, computer and calculator is allowed.
2. Journal should be completed and duly certified by practical in-charge and Head of the Department.

Reference:

21. Lo C. P., Albert K. W. Yeung, (2011): Concepts and Techniques of Geographic Information Systems, PHI Learning Private Limited, New Delhi-110001.
22. Bygoot, J: An Introduction to Mapwork and Practical Geography, University Tutorial, London 1964.
23. Khan MD. Zulfequar Ahmad : Text Book of Practical Geography, Concept Publishing Company, New Delhi, 1998
24. Mishra, R.P. and Ramesh A. : Fundamentals of Cartography, Concept Publishing Company, New Delhi, 2000
25. Monkhouse F.J. and Wilkison, H.R.: Maps and Diagrams, Mathuen. London, 1971.
26. Negi, , Dr. Balbir Singh : Practical Geography, Kedar Nath Ram Nath, Meerut, Delhi.
27. Raisz, E.: Principals of Cartography, McGraw Hill Book Com., Inc, New York, 1962.
28. Robinson, A.H. and Sale, S.D.: Elements of Cartography, John Witey and Sons, Inc, New York, 1969.

SHIVAJI UNIVERSITY, KOLHAPUR.



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Revised Syllabus For

B.Sc Part- III

Physics

Syllabus to be implemented from

June, 2020 onwards.



- **Group – V-B**

1. Radius of Capillary bore using mercury thread
2. Determination of lattices constant using given XRD powder pattern
3. Estimation of errors
4. Measurement of phase shift of RC network using CRO
5. Study of Half and Full adder
6. Simplification of digital circuit using Boolean laws (paper-work).
7. Measurement of resistance of galvanometer (Kelvin's method)
8. Electrical wiring of bulb, switch and plug
9. Tracing of given electronic circuit/ build the given circuit using breadboard
10. Assembling of given electronic circuit(soldering method)

- **Group VI: Assessment of Annual Work of a Student**

1. Certified Laboratory Journal.
2. Study Tour Report.
3. Seminar Report (2 Seminars) / Project work.

- **Reference Books for practical**

1. Advanced Practical Physics for students, B.L. Flint & H.T. Worsnop, 1971, Asia Publishing House.
2. Advanced level Physics Practical, Michael Nelson and Jon M. Ogborn, 4th Edition, reprinted 1985, Heinemann Educational Publishers
3. A Text Book of Practical Physics, Indu Prakash and Ramakrishna, 11th Edition, 2011, Kitab Mahal, New Delhi.
4. B.Sc. Practical Physics, C.L.Arora, S.Chand & Company Pvt.Ltd., New Delhi
5. B.Sc. Practical Physics, Harman Singh, Hemane, 2012 Edition.

- **Revised Scheme of Practical Examination for B. Sc. Part – III**

1. Practical examination will be conducted annually.
2. Practical examination will be conducted for three days per batch.
3. The examination will be conducted in two sessions per day and each session will be of three hours duration.

SHIVAJI UNIVERSITY, KOLHAPUR.



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Revised Syllabus For

B.Sc Part- III

Chemistry

Syllabus to be implemented from

June, 2020 onwards.

Laboratory Course (Practicals)

N. B. (i) Use of Digital/Analytical/Chainometric/Single pan balance is allowed.

(ii) Use of Scientific calculator is allowed.

(iii) Use of Chart/Text book/Hand book of practical is allowed.

(iv) There will be a project having weightage of 15 marks.

Project should be in the following areas but focused on applications of Chemistry.

a) Society oriented

b) Daily use

c) Industry based

d) Analysis based

The project will be assessed by all the three examiners with equal weightage at the time of practical examinations.

The project may be completed individually or by a group of students not exceeding number three.

One copy of the project should be submitted at the time of examination. After assessment this copy will remain in the department.

INORGANIC CHEMISTRY

I) Gravimetric Estimations (G).

N. B. Any **two** experiments from G1 to G3 and any **two** experiment from G4 & G6.

G1. Gravimetric estimation of iron as ferric oxide (Fe_2O_3) from the given solution containing ferrous ammonium sulphate, copper sulphate and free sulphuric acid.

G2. Gravimetric estimation of zinc as zinc pyrophosphate from the given solution

- 5) S.I. units should be used wherever possible.
 - 6) Use of Chart / Hand book / Text book of practical is allowed.
 - 7) A student is expected to submit a journal certified by the Head of the Department.
 - 8) A student not be permitted to appear at the practical examination unless he/she produces a certified journal. If the journal is lost, the student should produce a certificate from the Head of the Department stating that he/she has satisfactory completed the practical work but his / her journal is lost.
 - 9) Use of Digital / Analytical / Chainometric / Single pan balance is allowed.
 - 10) A student should submit one copy of project at the time of examination.
- Each examiner should assess the project work for Five marks and sign the same. If any student will not submit project work, he/she will be given Zero mark for the project.**

11) The distribution of marks for practical examination will be as follows:

A) Physical Chemistry 60 marks

- i) Non-instrumental experiment 25 marks
- ii) Instrumental experiment 25 marks
- iii) Viva 05 marks
- iv) Journal 05 marks

B) Inorganic Chemistry 65 marks

- i) Gravimetric analysis 25 marks
- ii) Preparation 15 marks
- iii) Volumetric estimation 15 marks
- iv) Viva 05 marks
- v) Journal 05 marks



C) Organic Chemistry 60 marks

- i) Mixture separation and identification of compounds 25 marks
- ii) Estimation/Preparation 20 marks
- iii) Derivative 05 marks
- iv) Viva 05 marks
- v) Journal 05 marks

D) Project 15 marks

Total:- 200 marks

SHIVAJI UNIVERSITY, KOLHAPUR.



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Revised Syllabus For

Bachelor of Science (B.Sc.) Part III

Botany

CBCS PATTERN

Syllabus to be implemented from

June, 2020 onwards

Paper -IX, X, XI, XII - (Semester- V)

and

Paper -XIII, XIV, XV, XVI - (Semester-VI)



A] Ordinance and Regulations: (As applicable to Degree Course)

**B] Shivaji University, Kolhapur
Revised Syllabus For Bachelor of Science**

**1. TITLE : Subject- Botany
Optional under the Faculty of Science**

2. YEAR OF IMPLEMENTATION: - Implemented from June 2020 onwards.

3. PREAMBLE:-

[Note:-The Board of Studies should briefly mention foundation, core and applied components of the course/paper. The student should get into the prime objectives and expected level of study with required outcome in terms of basic and advance knowledge at examination level.]

4. GENERAL OBJECTIVES OF THE COURSE:

(As applicable to the Degree concerned)

Objectives:-

- 1) To impart knowledge of Science is the basic objective of education.
- 2) To develop scientific attitude is the major objective to make the students open minded, critical, curious.
- 3) To develop skill in practical work, experiments and laboratory materials and equipments along with the collection and interpretation of scientific data to contribute the science.
- 4) To understand scientific terms, concepts, facts, phenomenon and their relationships.
- 5) To make the students aware of natural resources and environment.
- 6) To provide practical experience to the students as a part of the course to develop scientific ability to work in the field of research and other fields of their own interest and to make them fit for society.
- 7) To The students are expected to acquire knowledge of plant and related subjects so as to understand natural phenomenon, manipulation of nature and environment in the benefit of human beings.
- 8) To develop ability for the application of the acquired knowledge to improve agriculture and other related fields to make the country self reliant and sufficient.
- 9) To create the interest of the society in the subject and scientific hobbies, exhibitions and other similar activities.

5. DURATION

The course shall be a full time course.

6. PATTERN:-

Pattern of Examination will be Semester.

7. **FEE STRUCTURE :-**
 As per Government /University rules.
 1. Refer brochure and prospectus of concern affiliated college/institute to Shivaji University, Kolhapur.
 2. Other fee will be applicable as per rules and norms of Shivaji University, Kolhapur.

8. **ELIGIBILITY FOR ADMISSION:**
 As per guidelines obtained from Shivaji University, Kolhapur by following rules and regarding reservations by Govt. of Maharashtra.
9. **MEDIUM OF INSTRUCTION:**
 The medium of instruction shall be in English.
10. **STRUCTURE OF COURSE- B. Sc. III Botany (Optional)**

THIRD YEAR (SEMESTER V/VI) (NUMBER OF PAPERS VIII)

Sr.No.	Subjects/Papers	Theory	Internal	Total Marks
1.	Paper-IX	40	10	50
2.	Paper- X	40	10	50
3.	Paper -XI	40	10	50
4.	Paper- XII	40	10	50
5.	Paper- XIII	40	10	50
6.	Paper-XIV	40	10	50
7.	Paper-XV	40	10	50
8.	Paper-XVI	40	10	50
	Practical -I			50
	Practical- II			50
	Practical- III			50
	Practical -IV			50
	Total			600

SHIVAJI UNIVERSITY, KOLHAPUR.



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Revised Syllabus For

B.Sc Part- III

Zoology

Syllabus to be implemented from

June, 2020 onwards.



SHIVAJI UNIVERSITY, KOLHAPUR

Revised Syllabus for Bachelor of Science

B. Sc. III – Zoology –To be implemented from June 2020

GENERAL OBJECTIVES OF THE COURSE

1) Aims:

1. To impart the knowledge of animal science to the pupils.
2. To make the pupils to use the knowledge in their daily life.
3. To make the pupils aware of natural resources and environment.
4. Application of knowledge in Zoology for nutrition, agriculture & live stock.
5. To provide practical experiences which form a part of their learning processes.
6. To develop aptitude for scientific work & ability to pursue studies far beyond graduation.
7. To encourage the pupils to take life science as a carrier which is the need now a days.
8. To make the pupils fit for the society.

2) Objectives –

1. To impart knowledge is the basic aim of education. The students are expected to acquire the knowledge of animal science, natural phenomenon, manipulation of nature & environment by man.
2. Understanding the scientific terms, concepts, facts, phenomenon & their interrelationships.
3. Applications of the knowledge.
4. To develop skills in practical work, experiments & laboratory materials, instruments.
5. To develop interests in the subject & scientific hobbies.
6. To develop scientific attitude which is the major objective? This makes the students open minded, critical observations, curiosity, thinking etc.
7. Abilities to apply scientific methods, collection of scientific data, problem solving, organize science exhibitions, clubs etc.
8. Appreciation of the subject, contributions of scientists, scientific methods, scientific programs etc.



3) DURATION

- The course shall be full time course.
- The duration of course shall be three years.

4) **PATTERN:** Pattern of Examination will be semester for theory and annual for practical with INTERNAL ASSESSMENT (Project/Seminar/Field work for theory) Scheme

5) **MEDIUM OF INSTRUCTION:** The medium of instruction shall be in English.

6) **STRUCTURE OF COURSE:** B.Sc. III – Zoology THEORY – No. of papers: Eight, No of practicals: Four SEMESTER V-Paper IX to XII & SEMESTER VI- Paper XIII to XVI

SEMESTER-V Theory

Sr. No.	Subject	Marks	University	Internal
1	Zoology Paper- IX	50	40	10
2	Zoology Paper- X	50	40	10
3	Zoology Paper- XI	50	40	10
4	Zoology Paper- XII	50	40	10

Total=200

SEMESTER-VI Theory

Sr. No.	Subject	Marks	University	Internal
1	Zoology Paper- XIII	50	40	10
2	Zoology Paper- XIV	50	40	10
3	Zoology Paper- XV	50	40	10
4	Zoology Paper- XVI	50	40	10

Total = 200

PRACTICALS- Annual

09	Practical—V	50
10	Practical – VI	50
11	Practical – VII	50
12	Practical – VIII	50

Total 200

Total = 600

SHIVAJI UNIVERSITY, KOLHAPUR



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CHOICE BASED CREDIT SYSTEM

Syllabus For

B.Sc. Part -III Mathematics

SEMESTER V AND VI

(Syllabus to be implemented from June, 2020 onwards.)

SHIVAJI UNIVERSITY, KOLHAPUR.



Accredited By NAAC with 'A' Grade
CHOICE BASED CREDIT SYSTEM

Syllabus For

B. Sc. Part – III

Computer Science (Optional)

SEMESTER – V & VI

(Syllabus to be implemented from June, 2020 onwards)



NATURE OF QUESTION PAPER AND SCHEME OF MARKING:

The practical Paper – IV is based on Paper No. IX, X, XIII and XIV.

The practical Paper – V is based on Paper No. XI, XII, XV and XVI.

The practical Paper – VI is of Major Project work done by the student.

NATURE OF PRACTICAL QUESTION PAPER:

1. The practical question paper IV and V for B.Sc.-III(computer science) will be of maximum 50 marks each.
2. The practical paper IV having four questions out of which two questions are based on Paper –IX (Sem.-V) Paper-XIII (Sem.-VI) and two questions are based on Paper X(Sem.V), Paper-XIV (Sem.-VI)
3. The practical paper V having four questions out of which two questions are based on Paper – XI (Sem.-V), Paper XV (Sem.-VI) and two questions are based on Paper-XII(Sem.-V), Paper-XVI (Sem.- VI)
4. The Student has to attempt any TWO questions out of FOUR questions. Each question carries 20 marks.
5. 10 marks are for Viva and certified Journal.
6. The student appearing for the practical examination is expected to write paper work for TWO questions. Paper work is compulsory and it includes problem analysis, Algorithm, source code, output and tracing.
7. It is expected to complete the paper work within 120 minutes. The student has to complete his/her actual practical experiment on machine within 90 minutes. The practical based viva will be of 30 minutes duration.
8. The duration of practical will be 4 hours.
9. Practical Paper VI is Project work of 100 marks.

Practical Paper VI: Project work - 100 marks

Project work Guidelines:

1. Institute is expected to conduct Industrial visit to any computerized industry and students are supposed to submit the report based on same.
2. Software development project is to be carried out by the candidate in actual consumer environment taking some real life problem.
3. The candidate submit the project work according to norms of software engineering i.e. the project document should contain Introduction, detailed design, sample testing and conclusion(Guidelines and other details are mentioned at **Appendix -1 and 2**)
4. Project will have internal guide to supervise and monitor the progress of the project. The internal guide may assign the project to the student or within the group of student (maximum 2 candidates in group) depending upon the complexity of the problem preferably using MySQL /MSSQL/Oracle as a back end and C#.NET/ASP with C#/PHP/ Java as a front end.
5. There will be online demonstration of project work in the presence of the external examiner and it will be considered for the evaluation.

6. The mark distribution for Practical paper VI will be as follows:

Project documentation	:	30 marks
On-line Presentation	:	20 marks
Project Based Viva-voce	:	30 marks
Industrial Visit Report	:	20 marks
Total Marks	:	100marks

Appendix- 1

Guidelines for Project:

Number of Copies: The student should submit two Hard-bound copies of the Project Report. (one copy for institute and one copy for student)

Acceptance/Rejection of Project Report:

The student must submit an outline of the project report to the college for approval. The college holds the right to accept the project or suggest modifications for resubmission.

Format of the Project Report:

The student must adhere strictly to the following format for the submission of the Project Report.

a. Paper:

The Report shall be typed on white paper, A4 size, for the final submission.

b. Typing:

The typing shall be of standard letter size, 1.5 spaced and on one side only. (Normal text should have Arial Font size 12. Headings have bigger size i.e. up to size 14)

c. Margins:

- The typing must be done in the following margins:
- Left -----1.5 inch, Right ----- 1 inch
- Top ----- 1 inch, Bottom ----- 1 inch

d. Front Cover:

The front cover should contain the following details:

- TOP : The title in block capitals of 6mm to 15mm letters.
- CENTRE: Full name in block capitals of 6mm to 10mm letters.
- BOTTOM: Name of the University, Course, Year of submission -all in block capitals of 6mm to 10mm letters on separate lines with proper spacing and centring.

f. Blank Sheets:

At the beginning and end of the report, two white black bound papers should be provided, one for The purpose of binding and other to be left blank.

Appendix - 2

- Input Design
- Report Design
- Implementation
- Testing

Standard Project Report Documentation Format

- a) Covering Page
- b) Institute/College certificate
- c) Guide Certificate
- d) Student declaration
- e) Acknowledgement
- f) Index (Chapter Scheme)

1) Introduction to Project

- Introduction
- Existing System
- Need and scope of System
- Organization Profile

2) Proposed System

- Objectives
 - Requirement Engineering.
 - Requirement Gathering.
- SRS

3) System Diagrams

- DFD
- ERD
- UML(if applicable)

4) System Requirements

- Hardware
- Software

5) System Design

- Database Design
- Input Design
- Output Design

6) User Guideline

- Installation process

7) Source Code

8) Outputs

- Input screens and Reports (with valid Data)

9) Conclusion and Suggestions

- Conclusion and suggestions



- Future enhancement
- Bibliography:

- Bibliography:

Note: Minimum 5 reports are essential as outputs of the project work done by the student

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"A" Re-accredited By NAAC

(2014) with CGPA-3.16

**NEW SYLLABUS FOR
B.Sc. Part III
MICROBIOLOGY
CBCS PATTERN
SYLLBUS TO BE IMPLEMENTED
FROM JUNE 2020**



SHIVAJI UNIVERSITY, KOLHAPUR

REVISED SYLLABUS FOR BACHELOR OF SCIENCE PART - III : MICROBIOLOGY

1. TITLE : Microbiology

2. YEAR OF IMPLEMENTATION: Revised Syllabus will be implemented from June 2020 onwards.

3. PREAMBLE:

This syllabus is framed to give sound knowledge with understanding of Microbiology to undergraduate students at first year of three years of B.Sc. degree course. Students learn Microbiology as a separate subject from B.Sc. I. The goal of the syllabus is to make the study of Microbiology popular, interesting and encouraging to the students for higher studies including research. The new and updated syllabus is based on a basic and applied approach with vigor and depth. At the same time precaution is taken to make the syllabus comparable to the syllabi of other universities and the needs of industries and research.

The syllabus is prepared after discussion at length with number of faculty members of the subject and experts from industries and research fields. The units of the syllabus are well defined, taking into consideration the level and capacity of students.

4. GENERAL OBJECTIVES OF THE PROGRAMME :

- 1) To make the students knowledgeable with respect to the subject and its practicable applicability.
- 2) To promote understanding of basic and advanced concepts in microbiology.
- 3) To expose the students to various emerging areas of Microbiology.
- 4) To prepare students for further studies helping in their bright career in the subject
- 5) To expose the students to different processes used in industries and in research field
- 6) To develop their ability to apply the knowledge of microbiology in day to day life.
- 7) To prepare the students to accept the challenges in life sciences.
- 8) To develop skills required in various industries, research labs and in the field of human health.



7. DURATION : The course shall be a full time course.

8. PATTERN: Pattern of Examination will be Semester.

9. MEDIUM OF INSTRUCTION: The medium of instruction shall be in English.

8. STRUCTURE OF COURSE -

1) B. Sc. III : Total Number of Courses - 8

Sr. No.	Subjects	Marks
	SEMESTER V	
1.	Course – IX	40+10
2.	Course – X	40+10
3.	Course – XI	40+10
4.	Course – XII	40+10
	SEMISTER VI	
5.	Course – XIII	40+10
6.	Course – XIV	40+10
7.	Course – XV	40+10
8.	Course – XVI	40+10
	PRACTICAL COURSE	
9	Practical – I	50
10	Practical – II	50
11	Practical – III	50
12	Practical – IV	50
Total		600



Dr. B. M. Hirdekar
Controller of
Examinations

SHIVAJI UNIVERSITY, KOLHAPUR-416 004, MAHARASHTRA

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E-mail : coe@unishivaji.ac.in

Ref. No. : SU/EXAM/ON DYR/12-13/2024

DATE : 7-Aug-13 at 4:51:33 PM

प्रति,

प्राचार्य/संचालक,

सर्व संलग्नित महाविद्यालये व परिसंस्था,

संदर्भ : पर्यावरण अभ्यास या द्वितीय वर्षाच्या सक्तीच्या पेपरबाबत..

महोदय,

वरील विषयासंदर्भात आदेशान्वये कळविण्यात येते की, मार्च/एप्रिल-१३ मध्ये झालेल्या द्वितीय वर्षाच्या पर्यावरण अभ्यास या सक्तीच्या पेपरमध्ये अनेक विद्यार्थी अनुत्तीर्ण झाले असल्याचे पालक व विद्यार्थी आणि प्राचार्य यांनी निदर्शनास आणून दिल्यानंतर सदर बाब अधिकार मंडळापुढे ठेवण्यात आली व त्याअनुषंगाने खालीलप्रमाणे सुधारणा करण्यात आली आहे.

- द्वितीय वर्षाच्या पर्यावरण अभ्यास या सक्तीच्या पेपरमध्ये येअरी व प्रोजेक्ट व व्हायवा असे तीन स्वतंत्र कॉपीनंट आहेत व त्याचे पॉसिंग हेडही स्वतंत्र होते. सध्या निर्माण झालेली परिस्थिती विचारात घेता सुदर पॉसिंग हेड एकत्र करण्यात आली असून १०० पैकी ४० गुण ज्या विद्यार्थ्यांना प्राप्त झाले आहेत, त्यांना सुधारित श्रेणी सी देण्यात येणार आहे.
- मात्र जे विद्यार्थी येअरी व प्रोजेक्ट व व्हायवा यापैकी कोणत्याही हेडला गैरहजर किंवा प्राप्त झालेले गुण शून्य असतील तर असे विद्यार्थी अनुत्तीर्ण म्हणजेच सी ग्रेडसाठी अपात्र ठरतील.
- सुधारित श्रेणीचे मार्कलिस्ट स्वतंत्रपणे देण्यात येणार नाही. सध्या त्यांची यादी व लेजरपान त्या त्या महाविद्यालयाकडे पाठविण्यात येईल.
- ऑक्टोबर-१३ मध्ये होणा-या परीक्षेच्या मार्कलिस्टमध्ये सदर सुधारित श्रेणी दर्शविण्यात येईल.
- अंतीम वर्षाच्या ज्या विद्यार्थ्यांची वर उल्लेख केल्याप्रमाणे श्रेणी सुधारित होईल त्यांचा तपशील परस्पर पदवीदान विभागाकडे कळविला जाईल. जेणेकरून त्यांची पदवी त्यांना देता येईल.
- सदरचे बदल सर्व विद्याशाखांमधील द्वितीय वर्षाच्या पर्यावरण अभ्यास या सक्तीच्या पेपरसाठी लागू राहतील.

तरी वरील बाबी सर्व संबंधित विद्यार्थ्यांच्या निदर्शनास आणाव्यात व सोबतच्या नमुन्यात अशा अनुत्तीर्ण विद्यार्थ्यांची यादी त्या त्या परीक्षा विभागास सत्वर कळवावी.

कळावे,

आपला विश्वासू,

(Signature)

डॉ. बी.एम. हिर्देकर
परीक्षा नियंत्रक

विद्यार्थ्यांच्या सी ग्रेड सुधारित झाले आहे.

10.8.13
प्रति :-

- मध्यवर्ती मूल्यमापन विभागास,
- परीक्षक नियुक्ती विभागास,
- संगणक केंद्र विभागास,
- परीक्षा गोदाम पडतळणी विभागास,
- सर्व परीक्षा विभागप्रमुखांना

P.T.O.