

Shri Shahu Shikshan Prasarak Mandals  
**SHRI VIJAYSINHA YADAV ARTS & SCIENCE COLLEGE, PETH VADGAON**  
Examination Calender

2017-18

First Term


| Sr. No. | Program       | Activity                      | Week & Month                      |
|---------|---------------|-------------------------------|-----------------------------------|
| 1       | B.A. & B. Sc. | Home Assignment               | 2 <sup>nd</sup> week of August    |
|         |               | Unit Test I                   | 1 <sup>st</sup> week of September |
|         |               | Seminar                       | 1 <sup>st</sup> week of September |
|         |               | Oral/Project                  | 4 <sup>th</sup> week of September |
|         |               | University Theory Examination | 4 <sup>th</sup> week of October   |

Second Term

| Sr. No. | Program       | Activity                         | Week & Month                     |
|---------|---------------|----------------------------------|----------------------------------|
| 1       | B.A. & B. Sc. | Home Assignment                  | 4 <sup>th</sup> week of December |
|         |               | Unit Test II/ Seminar            | 3 <sup>rd</sup> week of January  |
|         |               | Oral/Project                     | 2 <sup>nd</sup> week of February |
|         |               | University Practical Examination | 1 <sup>st</sup> week of March    |
|         |               | University Theory Examination    | 3 <sup>rd</sup> week of March    |

  
Exam Committee



  
Principal  
Shri Vijaysinha Yadav Arts & Science College  
Peth Vadgaon

**Shri Shahu Shikshan Prasarak Seva Mandals**  
**SHRI VIJAYSINHA YADAV COLLEGE, PETH VADGAON**

**Examination Committee**

**Notice of Meeting**

**2017-18**

All the committee members are hereby informed that the First meeting of examination committee will be held on 14/08/2017 at 11.00 am. All the members are, therefore requested to make it convenient and attend the meeting. The brief agenda of the meeting is as follows

Date: 14/08/2017


Place: Principal Cabin

**Agenda**

1. To read and confirm minutes of the previous meeting.
2. Discussion on preparation of semester examination to be held in October, 2017.
3. Appointment of Internal Sr. Supervisor and Jr. Supervisor from the college.
4. Discussion on the internal examination of B. A. /B. Sc. Classes held in October, 2017.
5. Discussion on Paper assessment of First Year B. A. / B. Sc. Classes.
6. Discussion on maintaining discipline in campus during examination.
7. Any other issue with the permission of the chairman.

  
Exam Committee



  
Principal  
Shri Vijaysinha Yadav Arts & Science College  
Peth Vadgaon

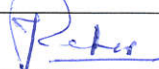


**Shri Shahu Shikshan Prasarak Seva Mandals**  
**SHRI VIJAYSINHA YADAV COLLEGE, PETH VADGAON**

**Examination Committee**  
**Minutes of the Meeting**  
**2017-18**

The first meeting of examination of the academic year 2017-18 was held on 14/08 / 2017 at 11.00 am in the principal cabin. The meeting was chaired by Hon. A. H. Nikam.


At the outset Dr. Sachin Pawar welcomed the chairperso of the meeting, Hon. A. H. Nikam and all members fof the examination committee. The following agenda issues were discussed during the meting and it was unanimously resolved to implant them. The meeting was adjourned after the vote of thanks to the chair by Dr. S. V. maske.

The following members were present for the meeting.

| Sr. No. | Name of Members | Signature   |
|---------|-----------------|---|
| 1       | Mrs. R.A. Pawar |  |
| 2       | Dr. S.V. Maske  |  |
| 3       | Dr. A.V. Jadhav |  |
| 4       |                 |   |
| 5       |                 |   |
| 6       |                 |   |
| 7       |                 |   |

**Agenda**

1. To read and confirm miutes of the previous meeting.
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7. Any other issue with the permission of the chairman.

  
Exam Committee



  
Principal  
Shri Vijaysinha Yadav Arts & Science College  
Peth Vadgaon

## Report of Compliance

In compliance with the resolution made in the meeting of the examination committee held on 14/08 / 2017 at 11.am. The following activities are successfully carried out.

| Sr. No. | Agenda  | Action Taken  |
|---------|---|---|
| 1       | To read and confirm minutes of the previous meeting.                                    | To minutes of the previous meeting has read and confirmed.  |
| 2       | Discussion on preparation of semester examination to be held in october, 2016.          | Detailed discussion has done of semester examination, planning of seating arrangement.            |
| 3       | Appoinitment of Internal Sr. Supervisor and Jr. Supervisor from the college.            | Appointment of the Sr & Jr. supervisor for the semester examination.                              |
| 4       | Discussion on the internal examination of B. A. //B. Sc. Classes held in october, 2017. | It has been decided to conduct internal exam of T.Y in Last week of September, 2017.              |
| 5       | Discussion on Papper assessment of First Year B. A. /B. Sc. Classes.                    | Paper assessment schedule of F.Y. class has been fixed.   |
| 6       | Discussion on maintaining discipline in campus during examination.                      | All the instructions regarding semester & Internal examination should be brought on notice board. |
| 7       | Any other issue with the permission of the chairman.                                    | Internal squad has been formed for semester examination.  |

The resolution was passed unanimously.



Principal

  
Principal  
Shri Vijaysinha Yadav Arts & Science College  
Peth Vadgaon

**Shri Shahu Shikshan Prasarak Seva Mandals  
Shri Vijaysinha Yadav College, Peth Vadgaon**

**Examination Committee**


**Minutes of the Meeting**

**2017-18**


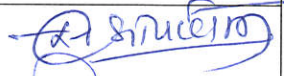





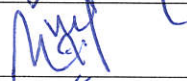




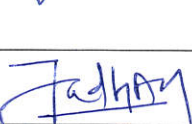


**Notice**

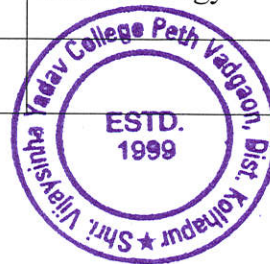
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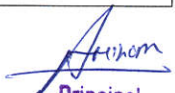
All the Head of Departments are hereby informed that, as per the academic calender of 2017-18, we have to conduct **Minimum Two Unit tests** each paper alongwith **Home Assignments/Seminar/ Practical Examination/ Group Discussion** etc. under the Continuous Internal Evaluation (CIE) for B.A./B. Sc. for the first and second terms respectively. Results should be submitted to Exam Committee within a week.

  
**Chairman of Exam Committee**

  
**Principal**

| Sr. No. | Name of Departments | Signature   | Sr. No. | Name of Departments | Signature   |
|---------|---------------------|---|---------|---------------------|---|
| 1       | Marathi             |  | 9       | Physics             |  |
| 2       | Hindi               |  | 10      | Chemistry           |  |
| 3       | English             |  | 11      | Zoology             |  |
| 4       | History             |  | 12      | Botany              |  |
| 5       | Geography           |  | 13      | Mathematics         |  |
| 6       | Political Science   |  | 14      | Comp. Sci.          |  |
| 7       | Sociology           |  | 15      | Microbiology        |  |
| 8       | Economics           |  |         |                     |   |



  
Principal  
Shri Vijaysinha Yadav Arts & Science College  
Peth Vadgaon

**Shri Shahu Shikshan Prasarak Seva Mandals  
Shri Vijaysinha Yadav College, Peth Vadgaon  
Examination Committee**

**CIE 2017-18**

**Notice**

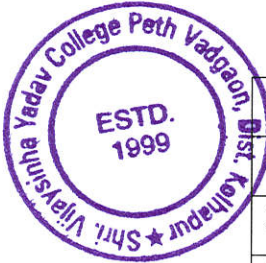
**Date: 16/08/ 2017**



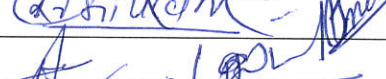
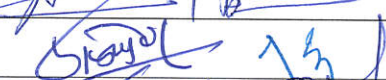


All the students are informed that the Continuous Internal Evaluation (CIE) will be held in the department in the form of Unit tests, Seminars, Orals, Group discussions, Home assignments, Projects etc. in the month of *September first week & October First week* for Sem I and in the *January third week and February second week* for Sem II. The exact date and other details will be intimated from time to time.

Attendance for the CIE is compulsory.



**Chairman of Exam Committee**



| Sr. No. | Class      | Sign.  |
|---------|------------|--|
| 1       | B. Sc. I   |  |
| 2       | B. Sc. II  |  |
| 3       | B. Sc. III |  |
| 4       | B. A. I    |  |
| 5       | B. A. II   |  |
| 6       | B. A. III  |  |





**Shri Shahu Shikshan Prasarak Seva Mandals  
Shri Vijaysinha Yadav College, Peth Vadgaon  
Examination Committee**

**Notice of Meeting**

**2018-19**

All the committee members are hereby informed that the First meeting of examination committee will be held on 13/07/2018 at 11.00 am. All the members are, therefore requested to make it convenient and attend the meeting. The brief agenda of the meeting is as follows

Date: 13/07/2018


Place: Principal Cabin

**Agenda**

1. To read and confirm minutes of the previous meeting.
2. Discussion on preparation of semester examination to be held in October, 2018.
3. Appointment of Internal Sr. Supervisor and Jr. Supervisor from the college.
4. Discussion on the internal examination of B. A. /B. Sc. Classes held in October, 2018.
5. Discussion on Paper assessment of First Year B. A. / B. Sc. Classes.
6. Discussion on maintaining discipline in campus during examination.
7. Any other issue with the permission of the chairman.

  
Exam Committee



  
Principal  
Shri Vijaysinha Yadav Arts & Science College  
Peth Vadgaon

05/Sept/2017





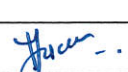
## Notice

Shri Vijaysinha Yadav Arts &amp; Science College Peth Vadgaon, Teachers List 2016/2017

The following faculty members are hereby informed that, the meeting of Exams committee is held on Thursday 7<sup>th</sup> Sept-2017 at 11.30 am in the Department of Physics. You are requested to attend the meeting.

③ Pawar

(Dr. S.J. Pawar)

| Sr. No | Full Name Of the Teacher           | Designation | Subject   | Sign.   |
|--------|------------------------------------|-------------|-----------|---|
| 1      | Dr. Cholekar Madhukar Yallappa     | Principal   | Botany    |   |
| 2      | Shri Nikam Adhikrao Hindurao       | Asst. Prof  | Poli. Sci |   |
| 3      | Shri Patil Suresh Pandurang        | Asst. Prof  | English   |   |
| 4      | Dr. Mane Sambhaji Vishwasrao       | Asst. Prof  | History   |   |
| 5      | Shri Chavan Ashok Shamrao          | Asst. Prof  | Sociology |   |
| 6      | Dr. Jadhav Balaso Sauba            | Asst. Prof  | Geography |   |
| 7      | Dr. Shaikh Nazim Ishak             | Asst. Prof  | Hindi     |   |
| 8      | Shri Jadhav Ashok Vilas            | Asst. Prof  | Economics |   |
| 9      | Dr. Patil Padma Shamrao            | Asst. Prof  | Marathi   |   |
| 10     | Shri Patil Sunil Mahadev           | Phy. Dir.   | Phy.Edu.  |   |
| 11     | Dr. Patil Mahammadhusen Abdulgani  | Asst. Prof  | Geography |   |
| 12     | Shri Jagtap Dasharath Ganpat       | Asst. Prof  | Botany    |  |
| 13     | Dr. Gaikwad Prashant Babaso        | Asst. Prof  | Marathi   |   |
| 14     | Shri Nisargandha Prabhakar Ramrao  | Asst. Prof  | Sociology |   |
| 15     | Dr. Surwase Nitesh Premnath        | Asst. Prof  | History   |   |
| 16     | Shri Patil Dattatray Baburao       | Asst. Prof  | Maths.    |  |
| 17     | Dr. Sahadev Varsharani Nivruttirao | Asst. Prof  | Hindi     |   |
| 18     | Smt Pawar Renuka Anil              | Asst. Prof  | Chemistry |  |
| 19     | Shri Khabade Prabhudas Anandrao    | Asst. Prof  | Poli. Sci |   |
| 20     | Shri Karande Ramesh Hanumant       | Asst. Prof  | Economics |   |
| 21     | Shri Bhandare Dinesh Jagannath     | Asst. Prof  | Geography |   |
| 22     | Shri Patil Sandip Shripati         | Asst. Prof  | Physics   |  |
| 23     | Shri Powar Amar Lahu               | Asst. Prof  | English   |   |
| 24     | Shri Atigre Rajaram Hindurao       | Asst. Prof  | Zoology   |   |
| 25     | Dr. Mane Chandrakant Balu          | Asst. Prof  | Chemistry |  |
| 26     | Shri Chavan Raghunath Ramchandra   | LIBRARIAN   | LIBRARIAN |   |
| 27     | Dr. Maske Suryakant Vishwas        | Asst. Prof  | Zoology   |   |
| 28     | Dr. Pawar Sachin Jagadeo           | Asst. Prof  | Physics   |   |
| 29     | Dr. Yadav Prashant Patangrao       | Asst. Prof  | English   |  |



**Shri. Vijaysinha Yadav Arts and Science College, Peth Vadgaon**  
**Examination Committee (Science Faculty) 2017-18**

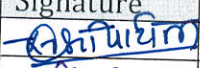
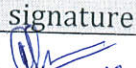

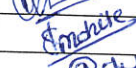






Minutes of the meeting held on Thursday, 7<sup>th</sup> September, 2017


Meeting of Science faculty Examination committee was held in department of Physics.  
Following topics were discussed in the meeting.


1. As per the rules and regulations of Shivaji University, Kolhapur, Internal Assessment of 10 marks for each paper is mandatory for B. Sc. III. Committee members decided that Internal Assessment examination of B. Sc. III will be held during 20<sup>th</sup> Sept. to 22<sup>nd</sup> Sept. 2017.
2. It is decided that three questions per paper will be submitted by Head of Department of each subject on or before 18<sup>th</sup> September, 2017 for B. Sc. III Internal Assessments.
3. It is confirmed that absent student/s will be allowed to appear for the internal exam in subsequent semester only.
4. It is decided that concerned teacher will provide three questions to the students 10 days before the commencement of the exam. Any one question out of three will be given for the Internal Assessment by the exam committee.
5. One unit test for 20 marks and two home assignments for 15 marks each will be conducted as internal evaluation at B. Sc. I, II and III classes.
6. Following time table for B. Sc. III Internal Assessment is confirmed by the committee members.

| Date       | Time               | Paper number   |
|------------|--------------------|----------------|
| 20/09/2017 | 3.00 pm to 4.00 pm | IX and X       |
| 21/09/2017 | 3.00 pm to 4.00 pm | English and XI |
| 22/09/2017 | 3.00 pm to 3.30 pm | XII            |

Following Heads/ In charges were present for the meeting:

| Name of Department | Signature   | Name of Department | signature   |
|--------------------|---|--------------------|---|
| Physics            |  | Mathematics        |  |
| Chemistry          |  | Computer Science   |  |
| Zoology            |  | Microbiology       |  |
| Botany             |  | English            |  |
| Geography          |  | Dr. S. V. Maske    |  |

  
**Dr. Sachin J. Pawar**  
**Dr. SACHIN J. PAWAR**  
Assist. Professor in Physics  
Shri Vijaysinha Yadav Arts &  
Science College, Peth Vadgaon,  
Dist. Kolhapur - 416 112

  
**Mr. Adhikrao H. Nikam**  
Principal  
Shri Vijaysinha Yadav Arts & Science College  
Peth Vadgaon

**Shri. Vijaysinha Yadav Arts and Science College,  
Peth Vadgaon, Dist. Kolhapur**  
**Examination Committee (Science Faculty) 2017-18**  
B. Sc. III Internal Assessments of 10 Marks for Each Paper

Schedule of B. Sc. III Internal Assessments

| Date       | Time               | Paper number   |
|------------|--------------------|----------------|
| 20/09/2017 | 3.00 pm to 4.00 pm | IX and X       |
| 21/09/2017 | 3.00 pm to 4.00 pm | English and XI |
| 22/09/2017 | 3.00 pm to 3.30 pm | XII            |



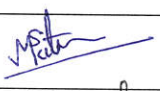
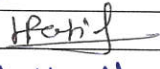

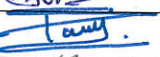
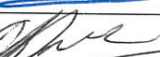
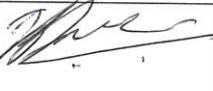
**Dr. Sachin J. Pawar**  
**Dr. SACHIN J. PAWAR**  
Assist. Professor in Physics  
Shri Vijaysinha Yadav Arts &  
Science College, Peth Vadgaon,  
Dist. Kolhapur - 416 112


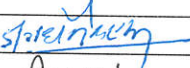

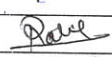
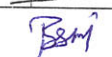



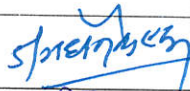


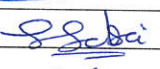


**Mr. Adhikrao H. Nikam**  
Principal  
Shri Vijaysinha Yadav Arts & Science College  
Peth Vadgaon


@ Please display on Students Notice Board

**Shri Vijaysinha Yadav Arts and Science College, Peth Vadgaon**  
**Examination Committee (Science Faculty) 2017-18**  
 Internal Assessment examination of B. Sc. III

| Date                  | Time            | Block No.                 | Subject & Paper IX & X | Name of Jr. Supervisor | Signature   |
|-----------------------|-----------------|---------------------------|------------------------|------------------------|---|
| Wednesday<br>20/09/17 | 03.00-<br>04.00 | 01 & 02<br>Room No.<br>43 | Zoology (18)           | Miss. Manali Patil     |  |
|                       |                 |                           | Comp. Sci. (20)        | Miss. Jayshree Patil   |  |
|                       |                 | 03 & 04<br>Room No.<br>44 | Physics (16)           | Mr. Atish Khandekar    |  |
|                       |                 |                           | Botany (13)            | Miss. Pradnya Patil    |  |
|                       |                 | 05<br>Room No.<br>41      | Chemistry (36)         | Miss. Pradnya Patil    |  |
|                       |                 |                           | Mathematics (34)       | Mr. Kishor Dabade      |  |

| Date                 | Time            | Block No.                 | Subject & Paper XI & English | Name of Jr. Supervisor | Signature   |
|----------------------|-----------------|---------------------------|------------------------------|------------------------|---|
| Thursday<br>21/09/17 | 03.00-<br>04.00 | 01 & 02<br>Room No.<br>43 | Zoology (18)                 | Miss. Aparna Patil     |  |
|                      |                 |                           | Comp. Sci. (20)              | Mr. Kishor Jagdhane    |  |
|                      |                 | 03 & 04<br>Room No.<br>44 | Physics (16)                 | Miss. Piyusha Desai    |  |
|                      |                 |                           | Botany (13)                  | Miss. Pallavi Patil    |  |
|                      |                 | 05<br>Room No.<br>41      | Chemistry (36)               | Miss. Pallavi Patil    |  |
|                      |                 |                           | Mathematics (34)             | Miss. Pranali Swami    |  |

| Date                | Time            | Block No.                 | Subject & Paper XII | Name of Jr. Supervisor | Signature   |
|---------------------|-----------------|---------------------------|---------------------|------------------------|---|
| Friday,<br>22/09/17 | 03.00-<br>03.30 | 01 & 02<br>Room No.<br>43 | Zoology (18)        | Mr. Kishor Madane      |  |
|                     |                 |                           | Comp. Sci. (20)     | Miss. Rajani Patil     |  |
|                     |                 | 03 & 04<br>Room No.<br>44 | Physics (16)        | Mr. Rajendra Shinde    |  |
|                     |                 |                           | Botany (13)         | Miss. Shreyali Desai   |  |
|                     |                 | 05<br>Room No.<br>41      | Chemistry (36)      | Miss. Shreyali Desai   |  |
|                     |                 |                           | Mathematics (34)    | Mrs. Supriya Mohite    |  |

  
**Dr. SACHIN J. PAWAR**  
 Assist. Professor in Physics  
 Shri Vijaysinha Yadav Arts &  
 Science College, Peth Vadgaon,  
 Dist. Kolhapur - 416 112

**Department of Physics**  
**Internal Assessment of B.Sc. III**  
**Sem. V Year 2017**

**IX: Mathematical & Statistical Physics**

Q.1 Obtain an expression for divergence of vector field in orthogonal curvilinear system. Extend the formula in cylindrical coordinate system.

Q.2 State & Prove the principle of equipartition energy.

Q.3 Find solution of the differential equation of the progressive wave.

**X: Quantum Mechanics**

Q.1 Derive Schrodinger's time dependent wave equation for free particle in one & three dimensions.

Q.2 In case of ladder operators prove that the following equations.

i)  $[L_+, L_-] = 2\hbar L_z$       ii)  $[L_z, L_+] = \hbar L_+$

Q.3 i) Explain the concept of parity & find out eigen values of parity operator.

ii) Discuss eigen values & eigen functions

**XI: Classical Mechanics**

Q.1 Obtain an expression for motion of a bead sliding on uniformly rotating wire in a free space.

Q.2 State and explain D'Alembert's Principle

Q.3 i) State & prove the conservative theorem of linear momentum.

ii) State & prove the conservative theorem of angular momentum.

**XII: Atomic Physics, Astronomy, Astrophysics**

Q.1 What is electron spin-orbit interaction? Derive an expression for the term value of fine structure level.

Q.2 What is Paschen Back effect? Obtain an expression for its term value.

Q.3 Explain the following cosmological theories.

i) Big Bang theory

ii) Oscillating theory

Atsitur  
 Head,  
 Dept of Physics

**Shree Vijaysinha Yadav Arts and Science College , Peth-  
Vadgoan.**

**Department of Botany**

**Internal Examination Question Paper – Semester V**

**2017-18**

**Paper IX**

**Q.1) Describe in brief life cycle of *Chara***

**Q.2) Explain asexual reproduction in *Albugo* and add a note on structure of its sex organs.**

**Q.3) Describe alternation of generation in Bryophytes .**

**Paper X**

**Q.1) Explain mechanism of sex determination in Humans.**

**Q.2) Write a short note on**

**A) Autosomes**

**B) Sex chromosomes**

**Q.3) Explain principle , application and working of Paper chromatography .**

**Paper XI**

**Q.1) Explain criteria of essentiality of elements, role, symptoms ,deficiency and disorders of Ca and K.**

**Q.2) Describe in brief Biological Nitrogen Fixation .**

**\* Q.3) Define Ecosystem and explain different types of Ecosystem.**

**Paper XII**

**Q.1) Define Carbohydrates and give their broad classification .**

**Q.2) Describe the structure of Z-DNA .**

**Q.3) Give the properties of Monosaccharides and Oligosaccharides .**

**Department of Botany**  
**Shri VijaySinha Yadav Arts of Science College, Peth Vadgoan**

**SHIVAJI UNIVERSITY, KOLHAPUR**

Shri Vijaysinha Yadav arts and Science College, Peth vadgaon

**Internal evaluation B. Sc. III Zoology Sem V**

**2017-18**

| Roll No. | P IX | P X | P XI | P XII |
|----------|------|-----|------|-------|
| 1353     | 10   | 10  | 10   | 10    |
| 1354     | 10   | 9   | 10   | 10    |
| 1355     | 6    | 6   | 7    | 8     |
| 1356     | 9    | 10  | 8    | 10    |
| 1357     | 7    | 9   | 5    | 6     |
| 1358     | 9    | 8   | 9    | 9     |
| 1359     | 4    | 7   | 5    | 6     |
| 1360     | 5    | 7   | 5    | 7     |
| 1361     | 9    | 8   | 8    | 9     |
| 1362     | 10   | 10  | 10   | 10    |
| 1363     | 4    | 6   | 4    | 6     |
| 1364     | 8    | 9   | 6    | 8     |
| 1365     | 4    | 8   | 4    | 7     |
| 1366     | 8    | 9   | 4    | 10    |
| 1367     | 8    | 10  | 9    | 9     |
| 1368     | 6    | 6   | 7    | 7     |
| 1369     | 10   | 10  | 9    | 10    |
| 1370     | 5    | 8   | 5    | 7     |

*Ximma*  
5/10/2017

(Dr. Atigae R. H.)

Head  
Department of Zoology  
Shri. Vijaysinha Yadav College  
Peth Vadgaon, Dist. Kolhapur

Shri Vijaysinha Yadav Arts and Science College, Peth Vadgaon

Examination Committee (Science Faculty) 2017-18

Internal Assessment examination of B. Sc. III

Day & Date:

Subject: Zoology Paper: IX

| Sl. No. | Roll No. | Ans. Paper Number & Supplements | Signature of the Student | Marks Obtained |
|---------|----------|---------------------------------|--------------------------|----------------|
| 1       | 1353     | 00001                           | <u>NBAPyadav</u>         | 10             |
| 2       | 1354     | 00002                           | <u>P.S.</u>              | 10             |
| 3       | 1355     | 00003                           | <u>Ravindra</u>          | 06             |
| 4       | 1356     | 00004                           | <u>Praveen</u>           | 09             |
| 5       | 1357     | 00005                           | <u>Pandhar</u>           | 07             |
| 6       | 1358     | 00006                           | <u>D.S.</u>              | 08             |
| 7       | 1359     | 00007                           | <u>P.Kamble</u>          | 04             |
| 8       | 1360     | 00008                           | <u>G.Kumbhar</u>         | 05             |
| 9       | 1361     | 00009                           | <u>Gomai</u>             | 09             |
| 10      | 1362     | 00010                           | <u>Somnath</u>           | 10             |
| 11      | 1363     | 00011                           | <u>Ajaykumbhar</u>       | 04             |
| 12      | 1364     | 00012                           | <u>Patil</u>             | 08             |
| 13      | 1365     | 00013                           | <u>Patil</u>             | 04             |
| 14      | 1366     | 00014                           | <u>Patil</u>             | 08             |
| 15      | 1367     | 00015                           | <u>Patil</u>             | 08             |
| 16      | 1368     | 00016                           | <u>G.Pate</u>            | 05             |
| 17      | 1369     | 00017                           | <u>Ashirke</u>           | 10             |
| 18      | 1370     | 00018                           | <u>Kambale</u>           | 05             |

Jr. Supervisor

Name ..... Patil M.S. .....

Signature ..... Patil .....

Examiner

Name ..... Mrs. Nimbalgar Y.S. .....

Signature ..... Nimbal .....

Total - 18

Soparkar

**Shri Vijaysinha Yadav Arts and Science College, Peth Vadgaon**  
**Examination Committee (Science Faculty) 2017-18**

Internal Assessment examination of B. Sc. III

Day & Date:

Subject: **Zoology** Paper: **X**

| Sr. No. | Roll No. | Ans. Paper Number & Supplements | Signature of the Student | Marks Obtained |
|---------|----------|---------------------------------|--------------------------|----------------|
| 1       | 1353     | 00171                           | <u>NARAYAN</u>           | 10             |
| 2       | 1354     | 00172                           | <u>R.S.</u>              | 09             |
| 3       | 1355     | 00173                           | <u>Ravikund</u>          | 06             |
| 4       | 1356     | 00174                           | <u>Ravceel</u>           | 10             |
| 5       | 1357     | 00175                           | <u>Randhels</u>          | 09             |
| 6       | 1358     | 00176                           | <u>RBT</u>               | 08             |
| 7       | 1359     | 00177                           | <u>Ritamble</u>          | 07             |
| 8       | 1360     | 00178                           | <u>Gmkumbhar</u>         | 07             |
| 9       | 1361     | 00179                           | <u>Somali</u>            | 08             |
| 10      | 1362     | 00180                           | <u>Sarangi</u>           | 10             |
| 11      | 1363     | 00181                           | <u>Ajaybharde</u>        | 06             |
| 12      | 1364     | 00182                           | <u>Patil</u>             | 09             |
| 13      | 1365     | 00183                           | <u>Popatil</u>           | 08             |
| 14      | 1366     | 00184                           | <u>Pottil</u>            | 09             |
| 15      | 1367     | 00185                           | <u>Patil</u>             | 10             |
| 16      | 1368     | 00186                           | <u>ashtute</u>           | 06             |
| 17      | 1369     | 00187                           | <u>Ashirke</u>           | 10             |
| 18      | 1370     | 00188                           | <u>Jumbali</u>           | 08             |

**Jr. Supervisor**

Name ..... Patil M.S. .....

Signature ..... [Signature] .....

**Examiner**

Name ..... Dr. Madane K.A. .....

Signature ..... [Signature] .....

18 papers  
Done  
20/09/17



Back (0)

Shri Vijaysinha Yadav Arts and Science College, Peth Vadgaon  
Examination Committee (Science Faculty) 2017-18

Internal Assessment examination of B. Sc. III

Day & Date:

Subject: Zoology Paper: XI

| Sr. No. | Roll No. | Ans. Paper Number & Supplements | Signature of the Student | Marks Obtained |
|---------|----------|---------------------------------|--------------------------|----------------|
| 1       | 1353     | <del>00338</del> 003391         | ABRugade                 | 10             |
| 2       | 1354     | 00340   1                       | RBC                      | 10             |
| 3       | 1355     | 00341                           | Rajikant                 | 7              |
| 4       | 1356     | 00342                           | Praveer                  | 8              |
| 5       | 1357     | 00343                           | Amal                     | 5              |
| 6       | 1358     | 00344                           | BT                       | 9              |
| 7       | 1359     | 00345                           | Prkamble                 | 5              |
| 8       | 1360     | 00346                           | Gmkumbhar                | 5              |
| 9       | 1361     | 00347                           | Somali                   | 8              |
| 10      | 1362     | 00348   1                       | <del>Somali</del>        | 10             |
| 11      | 1363     | 00349                           | Nayakantadi              | 4              |
| 12      | 1364     | 00350                           | Buti                     | 6              |
| 13      | 1365     | 00351                           | PBali                    | 4              |
| 14      | 1366     | 00352                           | Ratti                    | 4              |
| 15      | 1367     | 00353                           | Ratti                    | 9              |
| 16      | 1368     | 00354                           | Satpute                  | 7              |
| 17      | 1369     | 00355                           | Joshike                  | 9              |
| 18      | 1370     | 0356                            | Kambali                  | 5              |

Jr. Supervisor

Name Miss. PAHILAA.

Signature.....*PAHILAA*.....

Examiner

Name Tehasin. N. Desai

Signature.....*T. Desai*.....

Total (18)  
Grade

Block - (01)

Shri Vijaysinha Yadav Arts and Science College, Peth Vadgaon  
Examination Committee (Science Faculty) 2017-18

Internal Assessment examination of B. Sc. III

Day & Date:

Subject: Zoology Paper: XII

| Sr. No. | Roll No. | Ans. Paper Number & Supplements | Signature of the Student | Marks Obtained |
|---------|----------|---------------------------------|--------------------------|----------------|
| 1       | 1353     | 00675                           | NARugade                 | 10             |
| 2       | 1354     | 00676                           | PB.                      | 10             |
| 3       | 1355     | 00677                           | P. Kulkarni              | 08             |
| 4       | 1356     | 00678                           | P. Pawale                | 10             |
| 5       | 1357     | 00679                           | P. Dhandale              | 06             |
| 6       | 1358     | 00680                           | P. B.                    | 09             |
| 7       | 1359     | 00681                           | P. Dhandale              | 06             |
| 8       | 1360     | 00682                           | G. M. Kumbhar            | 07             |
| 9       | 1361     | 00683                           | G. Mali                  | 09             |
| 10      | 1362     | 00684, 00674                    | S. Mali                  | 10             |
| 11      | 1363     | 00685                           | A. K. Kulkarni           | 06             |
| 12      | 1364     | 00686                           | P. B.                    | 08             |
| 13      | 1365     | 00687                           | P. B.                    | 07             |
| 14      | 1366     | 00688, (02)                     | P. B.                    | 10             |
| 15      | 1367     | 00689, (01)                     | P. B.                    | 09             |
| 16      | 1368     | 00690                           | G. S. Patil              | 07             |
| 17      | 1369     | 00691, 00672                    | P. B.                    | 10             |
| 18      | 1370     | 00692                           | K. B.                    | 07             |

Jr. Supervisor

Name: Mr. Jagadhare K.S.

Signature: Jagadhare

Examiner

Name: Dr. S.V. Maske

Signature: .....

Total 18 papers  
22/09/17

Shri Vijaysinha Yadav Arts and Science College, Peth Vadgaon

Examination Committee (Science Faculty) 2017-18

Internal Assessment examination of B. Sc. III Sem. VI

Day & Date: 07/03/2018 / Wednesday Subject: Chemistry

Paper: XVI

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| Sr. No. | Roll No. | Ans. Paper Number & Supplements | Signature of the Student | Marks Obtained |
|---------|----------|---------------------------------|--------------------------|----------------|
| 1       | 1317     |                                 | Embreye                  | 10             |
| 2       | 1318     |                                 | Alesale                  | 08             |
| 3       | 1319     |                                 | Chhate                   | 10             |
| 4       | 1320     |                                 | P. P. P.                 | 10             |
| 5       | 1321     |                                 | Abul                     | 08             |
| 6       | 1322     |                                 | Asghar                   | 07             |
| 7       | 1323     |                                 | Spale                    | 09             |
| 8       | 1324     |                                 | Snehal                   | 10             |
| 9       | 1325     |                                 | As                       | 08             |
| 10      | 1326     |                                 | Asim                     | 10             |
| 11      | 1327     |                                 | Aradhana                 | 10             |
| 12      | 1328     |                                 | Ruge                     | 10             |
| 13      | 1329     |                                 | Aradhana                 | 10             |
| 14      | 1330     |                                 | As                       | 10             |
| 15      | 1331     |                                 | As                       | 10             |
| 16      | 1332     |                                 | Kate                     | 10             |
| 17      | 1333     |                                 | Aradhana                 | 10             |
| 18      | 1334     |                                 | Amali                    | 10             |
| 19      | 1335     |                                 | Aradhana                 | 09             |
| 20      | 1336     |                                 | Ratil                    | 10             |
| 21      | 1337     |                                 | Ratil                    | 10             |
| 22      | 1338     |                                 | Aradhana                 | 10             |
| 23      | 1339     |                                 | Felip                    | 10             |
| 24      | 1340     |                                 | Ratil                    | 10             |
| 25      | 1341     |                                 | Ratil                    | 10             |
| 26      | 1342     |                                 | P. P. P.                 | 10             |
| 27      | 1343     |                                 | P. P. P.                 | 10             |

Shri Vijaysinha Yadav Arts and Science College, Peth Vadgaon  
 Examination Committee (Science Faculty) 2017-18

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Internal Assessment examination of B. Sc. III Sem. VI

Day & Date:

Subject: Chemistry

Paper: XV

| Sr. No. | Roll No. | Ans. Paper Number & Supplements | Signature of the Student | Marks Obtained |
|---------|----------|---------------------------------|--------------------------|----------------|
| 1       | 1317     |                                 | <i>[Signature]</i>       | 09             |
| 2       | 1318     |                                 | <i>[Signature]</i>       | 08             |
| 3       | 1319     |                                 | <i>[Signature]</i>       | 10             |
| 4       | 1320     |                                 | <i>[Signature]</i>       | 10             |
| 5       | 1321     |                                 | <i>[Signature]</i>       | 10             |
| 6       | 1322     |                                 | <i>[Signature]</i>       | 10             |
| 7       | 1323     |                                 | <i>[Signature]</i>       | 10             |
| 8       | 1324     |                                 | <i>[Signature]</i>       | 10             |
| 9       | 1325     |                                 | <i>[Signature]</i>       | 09             |
| 10      | 1326     |                                 | <i>[Signature]</i>       | 10             |
| 11      | 1327     |                                 | <i>[Signature]</i>       | 10             |
| 12      | 1328     |                                 | <i>[Signature]</i>       | 10             |
| 13      | 1329     |                                 | <i>[Signature]</i>       | 10             |
| 14      | 1330     |                                 | <i>[Signature]</i>       | 10             |
| 15      | 1331     |                                 | <i>[Signature]</i>       | 10             |
| 16      | 1332     |                                 | <i>[Signature]</i>       | 09             |
| 17      | 1333     |                                 | <i>[Signature]</i>       | 09             |
| 18      | 1334     |                                 | <i>[Signature]</i>       | 10             |
| 19      | 1335     |                                 | <i>[Signature]</i>       | 09             |
| 20      | 1336     |                                 | <i>[Signature]</i>       | 09             |
| 21      | 1337     |                                 | <i>[Signature]</i>       | 09             |
| 22      | 1338     |                                 | <i>[Signature]</i>       | 08             |
| 23      | 1339     |                                 | <i>[Signature]</i>       | 09             |
| 24      | 1340     |                                 | <i>[Signature]</i>       | 10             |
| 25      | 1341     |                                 | <i>[Signature]</i>       | 10             |
| 26      | 1342     |                                 | <i>[Signature]</i>       | 08             |
| 27      | 1343     |                                 | <i>[Signature]</i>       | 09             |

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Shri Vijaysinha Yadav Arts and Science College, Peth Vadgaon

Examination Committee (Science Faculty) 2017-18

Internal Assessment examination of B. Sc. III Sem. VI

Day & Date:

Subject: Chemistry

Paper: XIV

| Sr. No. | Roll No. | Ans. Paper Number & Supplements | Signature of the Student | Marks Obtained |
|---------|----------|---------------------------------|--------------------------|----------------|
| 1       | 1317     |                                 | <u>Chavhan</u>           | 08             |
| 2       | 1318     |                                 | <u>A. Wale</u>           | 09             |
| 3       | 1319     |                                 | <u>Chavhan</u>           | 10             |
| 4       | 1320     |                                 | <u>Chavhan</u>           | 09             |
| 5       | 1321     |                                 | <u>Abdul</u>             | 09             |
| 6       | 1322     |                                 | <u>Asghar</u>            | 09             |
| 7       | 1323     |                                 | <u>Spale</u>             | 09             |
| 8       | 1324     |                                 | <u>Snehal</u>            | 09             |
| 9       | 1325     |                                 | <u>Asf</u>               | 08             |
| 10      | 1326     |                                 | <u>Asghar</u>            | 10             |
| 11      | 1327     |                                 | <u>Ukadam</u>            | 08             |
| 12      | 1328     |                                 | <u>Rudra</u>             | 10             |
| 13      | 1329     |                                 | <u>Patil</u>             | 10             |
| 14      | 1330     |                                 | <u>Asf</u>               | 10             |
| 15      | 1331     |                                 | <u>Bevi</u>              | 10             |
| 16      | 1332     |                                 | <u>Kute</u>              | 10             |
| 17      | 1333     |                                 | <u>Bokhande</u>          | 09             |
| 18      | 1334     |                                 | <u>Mali</u>              | 10             |
| 19      | 1335     |                                 | <u>Abraham</u>           | 08             |
| 20      | 1336     |                                 | <u>Patil</u>             | 09             |
| 21      | 1337     |                                 | <u>Patil</u>             | 10             |
| 22      | 1338     |                                 | <u>Prashant</u>          | 10             |
| 23      | 1339     |                                 | <u>Falguni</u>           | 09             |
| 24      | 1340     |                                 | <u>Patil</u>             | 09             |
| 25      | 1341     |                                 | <u>Patil</u>             | 10             |
| 26      | 1342     |                                 | <u>Shelatane</u>         | 08             |
| 27      | 1343     |                                 | <u>Patil</u>             | 08             |

Shri Vijaysinha Yadav Arts and Science College, Peth Vadgaon  
Examination Committee (Science Faculty) 2017-18

Internal Assessment examination of B. Sc. III Sem. VI

Day & Date:

Subject: Chemistry

Paper: XIII

36

| Sr. No. | Roll No. | Ans. Paper Number & Supplements | Signature of the Student | Marks Obtained |
|---------|----------|---------------------------------|--------------------------|----------------|
| 1       | 1317     |                                 | <u>Gmbang</u>            | 10             |
| 2       | 1318     |                                 | <u>Awasale</u>           | 10             |
| 3       | 1319     |                                 | <u>Ghugre</u>            | 08             |
| 4       | 1320     |                                 | <u>P. J. J.</u>          | 08             |
| 5       | 1321     |                                 | <u>Q. M. J.</u>          | 09             |
| 6       | 1322     |                                 | <u>A. K. J.</u>          | 08             |
| 7       | 1323     |                                 | <u>W. P. J.</u>          | 09             |
| 8       | 1324     |                                 | <u>Snehal</u>            | 10             |
| 9       | 1325     |                                 | <u>A. P. J.</u>          | 09             |
| 10      | 1326     |                                 | <u>A. P. J.</u>          | 10             |
| 11      | 1327     |                                 | <u>U. K. J.</u>          | 10             |
| 12      | 1328     |                                 | <u>R. J. J.</u>          | 10             |
| 13      | 1329     |                                 | <u>P. J. J.</u>          | 10             |
| 14      | 1330     |                                 | <u>P. J. J.</u>          | 10             |
| 15      | 1331     |                                 | <u>P. J. J.</u>          | 10             |
| 16      | 1332     |                                 | <u>B. J. J.</u>          | 10             |
| 17      | 1333     |                                 | <u>R. J. J.</u>          | 08             |
| 18      | 1334     |                                 | <u>P. J. J.</u>          | 10             |
| 19      | 1335     |                                 | <u>A. M. J.</u>          | 09             |
| 20      | 1336     |                                 | <u>A. K. J.</u>          | 08             |
| 21      | 1337     |                                 | <u>P. J. J.</u>          | 10             |
| 22      | 1338     |                                 | <u>P. J. J.</u>          | 10             |
| 23      | 1339     |                                 | <u>P. J. J.</u>          | 09             |
| 24      | 1340     |                                 | <u>P. J. J.</u>          | 09             |
| 25      | 1341     |                                 | <u>P. J. J.</u>          | 09             |
| 26      | 1342     |                                 | <u>P. J. J.</u>          | 10             |
| 27      | 1343     |                                 | <u>P. J. J.</u>          | 08             |
|         |          |                                 | <u>P. J. J.</u>          | 09             |

Department of Physics  
Shri. Vijaysinha Yadav Arts & Science College, Peth Vadagon.  
B.Sc. III Sem. VI (Internal Exam.)2017-18

| Sr.No. | Roll Nos. | Paper XIII | Paper XIV | Paper XV | Paper XVI |
|--------|-----------|------------|-----------|----------|-----------|
| 01     | 1301      | 10         | 10        | 10       | 10        |
| 02     | 1302      | 10         | 09        | 10       | 10        |
| 03     | 1303      | 08         | 09        | 10       | 09        |
| 04     | 1304      | 10         | 10        | 10       | 10        |
| 05     | 1305      | 08         | 08        | 10       | 10        |
| 06     | 1306      | 08         | 10        | 10       | 10        |
| 07     | 1307      | 10         | 10        | 10       | 10        |
| 08     | 1308      | 09         | 09        | 10       | 10        |
| 09     | 1309      | 10         | 10        | 10       | 10        |
| 10     | 1310      | 10         | 10        | 10       | 10        |
| 11     | 1311      | 10         | 09        | 10       | 10        |
| 12     | 1312      | 10         | 10        | 10       | 10        |
| 13     | 1313      | 10         | 10        | 10       | 10        |
| 14     | 1314      | 10         | 10        | 10       | 10        |
| 15     | 1315      | 10         | 10        | 10       | 10        |
| 16     | 1316      | 09         | 09        | 10       | 10        |

Paper XIII: S. Pawar  
(Dr. Sachin Pawar)

Paper XIV: B. B. (Miss. Bhosale P.S)

Paper XV: A. A. (Mrs. Anshu Sutar)

Paper XVI: A. A. (Mr. S. S. Patil)

A. A.

Head,  
Department of Physics,

head,  
Department of Physics

Y. College, Peth-Vadgaon, Kolhapur

**Shri Vijaysinha Yadav Arts and Science College, Peth Vadgaon**

**Dept of Zoology**

**B. Sc. III, Sem VI - Internal Evaluation 2017-18**

**PAPER – XIII**

1. Describe in detail - hard epidermal derivatives?
2. Give a comparative account of integument of reptiles & birds. Explain how they are suitable for their mode of life?
3. Give comparative account of digestive system of birds and mammals?

**PAPER- XIV**

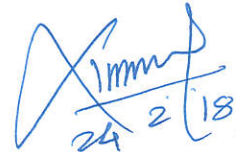
1. What is gametogenesis? Explain the process of oogenesis.
2. Define and explain the process of fertilization.
3. Explain the structure of newly laid hen's egg.

**PAPER- XV**

1. What is metabolism? Explain the carbohydrate metabolism with reference to glycolysis & TCA cycle.
2. Explain ultra structure of striated muscle fiber. Write a note on molecular mechanism of muscle contraction.
3. What is nephron? Explain the ultra structure of nephron.

**PAPER – XVI**

1. Give an account of nature of damage and control measures of rice moth & grasshopper.
2. What is apiculture? Describe modern methods of bee-keeping.
3. Describe the breeds of poultry birds.

  
24/2/18

Head,  
Department of Zoology  
V.Y. College, Peth-Vadgaon, Kolhapur.



**Shree Vijaysinha Yadav Arts and Science College , Peth-Vadgoan.**

**Department of Botany**

**Internal Examination Question Paper – Semester VI**

**2017-18**

**Paper XIII**

Q.1) Describe the male and female cones of *Gnetum*.

Q.2) Give the development of monosporic type of female gametophyte.

Q.3) Give in detail about mechanical tissue system and their functions

**Paper XIV**

Q.1) Give an industrial applications of micro-organism for the production of alcohol.

Q.2) Classify plant diseases on the basis of symptoms.

Q.3) Give the name of causal organism , symptoms , disease cycle and control measures of grain smut of Jowar.

**Paper XV**

Q.1) Give an account of aim , objective and scope of plant Breeding .

Q.2) Describe scope and objective of Ethinobotany.


Q.3) define Arithmetic mean , mode and median . State the formula for each.

**Paper XVI**

Q.1) What is tissue culture technique ? Give its application.

Q.2) Explain the process of somatic hybridization .Give its advantages and disadvantages.

Q.3) Define in brief role of agro bacterium in crop biotechnology.

  
Head,  
Department of Botany  
College Peth-Vadgoan Kolhapur

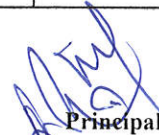
Revised

**Shri Vijaysinha Yadav Arts and Science College Peth Vadgaon.**  
**Time Tabe B.sc. 1 (pratical) 2017 – 2018**

| Sr. No. | Subject          | Date       |                        |                        |                      |             |                      |             |                      |               |                               |                      |
|---------|------------------|------------|------------------------|------------------------|----------------------|-------------|----------------------|-------------|----------------------|---------------|-------------------------------|----------------------|
|         |                  | 7/3/2018   | 8/3/2018               | 9/3/2018               | 10/3/2018            | 11/3/2018   | 12/3/2018            | 13/03/2018  | 14/03/2018           | 15/03/2018    | 16/03/2018                    | 17/03/2018           |
| 1       | Chemistry        | Inspection | 701 - 735 =35          | 736-770 =35            | 771-805 =35          | -           | 806-840 =35          | 841-875 =35 | 876 - 910 =35        | 911-945 =35   | 946-949, 952-959, 970-979 =28 |                      |
| 2       | Computer Science | Inspection | 842-863 =21            | 864-881 =21            |                      |             |                      |             |                      |               |                               |                      |
| 3       | Physics          |            |                        | Inspection             | 876-901, 941-949 =35 | -           | 701 - 735 =35        | 736-770 =35 | 771-805 =35          | 806-840 =35   | 841-875 =35                   | 952-969 =18          |
| 4       | Botany           |            |                        |                        |                      | Inspection  | 897-922 = 25         | 785-810 =25 | 923-940, 953-960 =24 | 961 -979 =19  | 811-820, 882-896 =25          | 760-784 =25          |
| 5       | Microbiology     | Inspection | M 902-926 = 25         | M 902-926 = 25         |                      |             |                      |             |                      |               |                               |                      |
|         |                  |            | E 927-940, 970-979 =24 | E 927-940, 970-979 =24 |                      |             |                      |             |                      |               |                               |                      |
| 6       | Geography        |            |                        |                        |                      |             |                      |             | Inspection           | 701 - 730 =30 | 731-759 =29                   | 821-841, 941-949 =30 |
|         |                  | 18/03/2018 | 19/03/2018             | 20/03/2018             | 21/03/2018           | 22/03/2018  | 23/03/2018           | 24/03/2018  |                      |               |                               |                      |
| 7       | Zoology          | Inspection | 760-784 =25            | 785-810 =25            | 811-820, 882-896 =25 | 897-922 =25 | 923-940, 953-960 =24 | 961-979 =19 |                      |               |                               |                      |
| 8       | Mathematics      |            | Inspection             | 701-759. 821-827 =66   | 828-881, 941-952 =65 |             |                      |             |                      |               |                               |                      |

Time :- Practicals will Start At 10:00 AM Sharply

  
 Chairman  
 Exam Committee

  
 Principal  
 Shri. Vijaysinha Yadav Arts & Science