

Activity report 2024-25

Name of Activity- **VYMP Science Scholar Quiz Competition**

Date and Time of activity conducted- **20-03-2025, 11.00am-12.00pm**

Target Group- **B. Sc. I, II, III Students**

Number of participants: **79**

Name of Organizer- **Department of Zoology,**

Shri Vijaysinha Yadav College, Peth Vadgaon

Objectives:

1. Encourage curiosity and love for learning
2. Develop research and critical thinking skills
3. Promote academic excellence and healthy competition

Detailed Report-

Department of Zoology of Shri Vijaysinha Yadav College, Peth Vadgaon organized “**VYMP Science Scholar Quiz Competition**” on the occasion of **Birth anniversary of Charles Darwin (12th February)** dated **Thursday 20th March 2025**. The quiz competition was conducted offline in Room No. 43 and 44. Total 50 questions were asked in the paper each carrying 2 marks. Time for the quiz was 1 hour. Total 79 students from B. Sc. I, II, III participated in the competition. The papers were assessed by all four faculty of Zoology. First three toppers were as follows- First **Miss. Prachi Chandrakant Patil, B. Sc. II**, Second **Miss Sakshi Sanjay Patil, B. Sc. II** and Third **Miss Sharvari Sudhir Vathare, B. Sc. III**.

Outcomes-

1. Quiz Competition enhanced understanding of scientific concepts and principles.
2. Developed ability in students to analyze and evaluate scientific information.

Notice for students

Date: 13/ 03/ 2025

Shri Shahu Shikshan Prasarak Seva Mandal's

Shri Vijaysinha Yadav College Peth Vadgaon Department of Zoology

Notice

All the students of the college are hereby informed that, the Department of Zoology is organizing following competitions.

- i. **Animal Sketching Competition for all B. A., B. Com., B. Sc. students**
- ii. **VYMP Science Scholar Quiz Competition for all Science students.**

➤ Following are some instructions for the-


VYMP Science Scholar Quiz Competition (B. Sc. only)

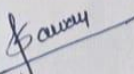
1. Register your name to Dr. A. S. Pawar mam at the Department of Zoology till Wednesday, 19th March 2025, before 04.00 pm.
2. MCQ based quiz on syllabus of 12th science PCMB and IT will be held on **Thursday, 20th March, at 11.00 am** in the Department of Zoology.
3. There will be 50 question each carrying 02 marks, **NO negative marking**.
4. Time duration for the quiz will be 01 hour (11am -12pm).

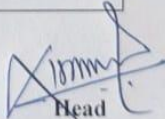
Animal Sketching Competition (B. A., B. Com., B. Sc.)

1. Register your name to Mr. S. R. Mali Sir at the Department of Zoology till Wednesday, 19th March 2025, before 04.00 pm.
2. The competition will be organized on **Thursday, 20th March, at 12.00 pm** in the Department of Zoology. Bring your Sketching materials (Pencil, Rubber, Pad, etc.)
3. Sketching paper/Card sheet paper will be provided by the Department.

*First three winners of both competitions will be awarded
with certificate and attractive prizes*


Co-Ordinator
Animal Sketching
Competition


Co-Ordinator
VYMP Science Scholar
Quiz Competition


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

Photos of the event



Attendance of the students

Shri Shahu Shikshan Prasarak Seva Mandal's
Shri Vijaysinha Yadav College, Peth Vadgaon
Department of Zoology
VYMP Science Scholar Quiz Competition, 2024-25
Attendance

20/03/2025

Sr. No.	Name of the Student	Roll no.	Class	Sign
28	Mane Sayali Ramchandru	1132	B.Sc-II	Mane
29	Sanade Simran Sajad	1149	B.Sc-II	Sanade
30	Utkarsha Sambhaji Magdum	1021	B.Sc-II	Utkarsha
31	Aliya Namdev Kadam	1118	B.Sc-II	Aliya
32	Sanika Sanjay Kamble	1119	B.Sc-II	Sanika
33	Utkarsha Swapnali Sambhaji Nongate	1120	B.Sc-II	Utkarsha
34	Sanika Javed Mullani	1056	B.Sc-II	Sanika
35	Laxmi Sitaran Vaishnav	1050	B.Sc-II	Laxmi
36	Sanika Sunil Kumbhar	1129	B.Sc-II	Sanika
37	Sharnai Sudhree Vathore	1360	B.Sc-II	Sharnai
38	Tanuja Sanjay Vadekar	1059	B.Sc-II	Tanuja
39	Tejaswini Rajeshwar Patil	1357	B.Sc-II	Tejaswini
40	Jyoti Sandip Shinde	1358	B.Sc-II	Jyoti
41	Ashana Phondisam Patil	1343	B.Sc-III	Ashana
42	Neha Atul Dalvi	1328	B.Sc-III	Neha
43	Sakshi Santosh Parit	1353	B.Sc-III	Sakshi
44	Shruti Sanjay Mali	1352	B.Sc-III	Shruti
45	Bhumika Sagar Sankpal	1317	B.Sc-III	Bhumika
46	Namrata Shamrao Kothari	1314	B.Sc-III	Namrata
47	Monika Dhanaji Powar	780	B.Sc-I	Monika
48	Amruta Manikbho Patil	885	B.Sc-I	Amruta
49	Utkarsha Utkarsh Patil	809	B.Sc-I	Utkarsha
50	Sakshi Ananda Chavan	791	B.Sc-I	Sakshi
51	Pamima Sunil Kattkar	793	B.Sc-I	Pamima
52	Sayali Shivaji Patil	1354	B.Sc-III	Sayali
53	Anjali Vijay Dhumal	1372	B.Sc-III	Anjali
54	Jinye Sunil Jagtap	1373	B.Sc-III	Jinye

Shri Shahu Shikshan Prasarak Seva Mandal's
Shri Vijaysinha Yadav College, Peth Vadgaon
Department of Zoology
VYMP Science Scholar Quiz Competition, 2024-25
Attendance

20/03/2025

Sr. No.	Name of the Student	Roll no.	Class	Sign
1	Premod Mohan Powar	1084	B.Sc-II	Powar
2	Piyush Ananda Waghmare	1093	B.Sc-II	Piyush
3	Sanika Mahabub Mulani	1334	B.Sc-II	Sanika
4	Vaishnavi Vinayak Jadhav	786	B.Sc-I	Vaishnavi
5	Ankita Dipak Salokhe	814	B.Sc-I	Ankita
6	Indira Shrikant Jagtap	738	B.Sc-I	Indira
7	Prityanka Ramesh Shewale	1086	B.Sc-II	Prityanka
8	Sanika Namdev Suryavanshi	1090	B.Sc-II	Sanika
9	Pranali Bhimrao Patil	1079	B.Sc-II	Pranali
10	Vaishnavi Tanaji Patil	1147	B.Sc-II	Vaishnavi
11	Rutuja Sandip Sawant	1152	B.Sc-II	Rutuja
12	Sammuddhi Rajaram Patil	1145	B.Sc-II	Sammuddhi
13	Atangha Ravindra Patil	1170	B.Sc-II	Atangha
14	Sakshi Mahesh Kulkarni	1074	B.Sc-II	Sakshi
15	Shreyas Shantad Powar	900	B.Sc-I	Shreyas
16	Rutuja Ravindra Muzajkar	972	B.Sc-I	Rutuja
17	Paradnya Nazaryon Jadhav	894	B.Sc-I	Paradnya
18	Samiksha Bhagawan Powar	901	B.Sc-I	Samiksha
19	Vaishnavi Bhivaji Jadhav	1104	B.Sc-II	Vaishnavi
20	Sayali Dilip Gaikwad	1064	B.Sc-II	Sayali
21	Rutika Dilip Chougule	1122	B.Sc-II	Rutika
22	Shruti Ajit Shinde	1082	B.Sc-II	Shruti
23	Sayali Gajanan Khot	1332	B.Sc-III	Sayali
24	Sakshi Mahesh Shelar	1349	B.Sc-III	Sakshi
25	Snehal Mahesh Powar	1345	B.Sc-III	Snehal
26	Shreyasha Mahesh Nikte	1336	B.Sc-III	Shreyasha
27	Shweta Manik Powar	1043	B.Sc-I	Shweta

Shri Shahu Shikshan Prasarak Seva Mandal's
Shri Vijaysinha Yadav College, Peth Vadgaon
Department of Zoology
VYMP Science Scholar Quiz Competition, 2024-25
Attendance

20/03/2025

Sr. No.	Name of the Student	Roll no.	Class	Sign
55	Dhruv Dilip Patil	747	B.Sc-I	Dhruv
56	Satyaprakash Bhimsen Mane	1333	B.Sc-III	Satyaprakash
57	Sanika Dattatray Mulik	1335	B.Sc-III	Sanika
58	Snehal Sunil Dongate	1329	B.Sc-III	Snehal
59	Sayali Shivaji Mane	1024	B.Sc-II	Sayali
60	Aishwarya Ashok Mali	1022	B.Sc-II	Aishwarya
61	Tejaswini Dnyaneshwar Saptal	1151	B.Sc-II	Tejaswini
62	Sanika Dastgir Sande	1150	B.Sc-II	Sanika
63	Sulochana Vilas Patil	1144	B.Sc-II	Sulochana
64	Ketaki Jagannath Awghade	1059	B.Sc-II	Ketaki
65	Pearchi Chandrakant Patil	1143	B.Sc-II	Pearchi
66	Sanjana Shrikrishna Patil	1146	B.Sc-II	Sanjana
67	Sakshi Sanjay Patil	1111	B.Sc-II	Sakshi
68	Pooja Kishan Vaishnav	1116	B.Sc-II	Pooja
69	Manasi Dilip Jadhav	1103	B.Sc-II	Manasi
70	Shubhanga Shantakant Narute	775	B.Sc-I	Shubhanga
71	Ankita Mahadev Mali	771	B.Sc-I	Ankita
72	Snehal Namdev Suryavanshi	785	B.Sc-I	Snehal
73	Alfiya Altaf Mulla	774	B.Sc-I	Alfiya
74	Shruti Sachin Patil	806	B.Sc-I	Shruti
75	Diksha Vilas Ghole	1066	B.Sc-II	Diksha
76	Vaishnavi Vijay Jadhav	1364	B.Sc-III	Vaishnavi
77	Sejal Jaysing Kamble	1365	B.Sc-III	Sejal
78	Ankita Shahuji Bhandari	1374	B.Sc-III	Ankita
79	Subhanga Shantakant Mulla		B.Sc-III	Subhanga

Sample Question paper

**Shri Shahu Shikshan Prasarak Seva Mandal's
Shri Vijaysinha Yadav College, Peth Vadgaon
Department of Zoology**

Departmental activity - VYMP Science Scholar

Day & Date - Thursday, 20-03-2025

Max. Marks - 100

Total Questions - 50

Time - 01 Hr.

Instructions -

- i. All questions are compulsory.
- ii. Each question carries 2 marks.
- iii. No negative marking.
- iv. Mark the correct option with a blue/black ballpoint pen.

Q. 1 Select the correct alternative and mark the option with a blue ballpoint pen.

- If the geometric mean of three observations 40, 50, and x is 10, then the value of x is _____.
(a) 4 (b) 2 (c) 6 (d) $1/2$
- The value corresponding to the point of intersection of the Ogive curve is _____.
(a) Mean (b) Median (c) Mode (d) S.D.
- A matrix is _____.
(a) a collection of real numbers (b) an array of real numbers
(c) a collection of real or complex numbers (d) an array of real or complex numbers
- The sum of the first 50 natural numbers is _____.
(a) 1725 (b) 1257 (c) 1275 (d) 1527
- A wire of length a is cut into two parts which are bent respectively in the form of a square and a circle. The least value of the sum of the areas so formed is _____.
(a) $a^2/\pi+4$ (b) $a/\pi+4$ (c) $a^2/4(\pi+4)$ (d) $a/4(\pi+4)$
- The minimum value of $f(x) = |x+2|$ is _____.
(a) -2 (b) 2 (c) 0 (d) None
- Two numbers are successively drawn from the set $U = \{1, 2, 3, 4, 5, 6, 7, 8\}$, the second being drawn without replacing the first. The number of elementary events in the sample is _____.
(a) 64 (b) 56 (c) 32 (d) 14
- If $C(28, 2r) = C(28, 2r-4)$ then what is r equal to _____.
(a) 7 (b) 8 (c) 12 (d) 16
- The surface area of a cylinder having a diameter of 14 cm & height of 5 cm is _____.
(a) 44 (b) 440 (c) 220 (d) 22
- What is the probability of drawing a king from a pack of 52 cards _____.
(a) $1/52$ (b) $4/13$ (c) $2/52$ (d) $1/13$
- The chromosome number of a hemophilic boy will be _____.
(A) 46 (B) 45 (C) 44 (D) 42
- A genetic disease which is never passed on from father to son is _____.
(A) Autosome linked (B) Y- chromosome-linked
(C) X- chromosome-linked (D) sex- influenced
- In 1924, Feulgen showed that..... Contain DNA.
(A) Nucleosomes (B) Chromosomes (C) Chromophores (D) Histones
- Nitrogen bases are attached by _____.
(A) peptide bonds (B) Phosphodiester bonds
(C) Hydrogen bonds (D) glycosidic bonds
- In Rose, jasmine, and cestrum pollination is carried out by _____.
(A) Air (B) Water (C) Insects (D) Birds
- Double fertilization is exhibited by _____.
(A) Gymnosperm (B) Algae (C) Fungi (D) Angiosperms
- Fallopian tube is also known as _____.
(A) Uterus (B) Fundus (C) Oviduct (D) Endometrium
- Theory of mutation was given by _____.
(A) Darwin (B) Hugo de Vries (C) J. B. S. Haldane (D) T. H. Morgan
- In vascular tissue, which are the main conducting elements?
(A) Palisade tissue (B) Epithelial tissue (C) Xylem and phloem (D) Mesophyll
- Which Cells have the least consistent size and shape of the nucleus?
(A) RBC (B) Platelets (C) WBC (D) Neuron
- The number of chlorine atoms in the structure of DDT is _____.
(A) 4 (B) 5 (C) 6 (D) 7
- Iodoform is used in medicine as an _____.
(A) Antiseptic (B) anesthetic agent (C) antipyretic (D) antibiotic
- Chloroform is slowly oxidized by air in the presence of light to form _____.
(A) Chloropicrin (B) phosgene (C) dichloromethane (D) Freon
- Which of the following is used as a source of dichlorocarbene?
(A) Tetra chloromethane (B) chloroform (C) Iodoform (D) DDT

25. The stability order for carbonation is _____.
 (A) $2^\circ > 3^\circ > 1^\circ$ (B) $3^\circ > 2^\circ > 1^\circ$ (C) $3^\circ > 1^\circ > 2^\circ$ (D) $1^\circ > 3^\circ > 2^\circ$
26. Haloforms are Trihalogen derivatives of _____.
 (A) C_2H_6 (B) CH_4 (C) C_3H_8 (D) C_2H_4
27. The IUPAC name of chloroform is _____.
 (A) Chloromethane (B) Halomethane (C) Trichloromethane (D) Chlorotrimethane
28. Identify the chiral molecule from the following.
 (A) 1-Bromobutane (B) 1,1-Dibromobutane
 (C) 2,3-Dibromobutane (D) 2-Bromobutane
29. Butane nitrile may be prepared by heating _____.
 (A) propanol with KCN (B) butanol with KCN
 (C) n-butyl chloride with KCN (D) n-propyl chloride with KCN
30. Which of the following is allyl chloride?
 (A) 1-Chloromethane (B) 2-Chloroprop-1-ene
 (C) 3-Chloroprop-1-ene (D) 1-Chloropropene
31. What energy is required to build up a current of 1 A in an inductor of 20 mH?
 (a) 10 mJ (b) 20 mJ (c) 20 J (d) 10 J
32. The intensity of the magnetic field of the earth at the point inside a hollow iron box is _____.
 (a) less than that outside (b) more than that outside
 (c) same as that outside (d) zero
33. The magnetic moment is not represented by _____.
 (a) accelerated charge (b) stationary charge
 (c) retarded charge (d) charge moving with constant velocity
34. The relation between electric charge, electric potential, and capacity is _____.
 (a) $C=Q/V$ (b) $C=V/Q$ (c) $V=QC$ (d) all of these
35. Van de Graaf generator produces _____.
 (a) zero potential (b) high potential (c) breakdown voltage (d) low potential
36. SI unit of potential gradient is _____.
 (a) V cm (b) V/cm (c) V m (d) V/m
37. An ideal voltmeter has _____.
 (a) low resistance (b) high resistance (c) infinite resistance (d) zero resistance
38. Ampere's law is similar to _____.
 (a) Faraday's law (b) Gauss' theorem in electrostatics
 (c) Joule's law (d) Kirchhoff's law
39. Henry is equivalent to _____.
 (a) ampere/second (b) ampere second (c) ohm/second (d) ohm second
40. A capacitor is connected to an AC generator. The ratio of reactance and impedance is _____.
 (a) one (b) less than one (c) greater than one (d) zero
41. AAC stands for _____.
 (a) Auto Audio coding (b) Arrange Audio Coding
 (c) Advanced Audio Coding (d) Advanced Arrange Coding
42. _____ keeps the element floating on the right side of the container.
 (a) float: right (b) float: left (c) float: none (d) float: top
43. SEO stands for _____.
 (a) Search Engine Optimizing (b) Search Engine Option
 (c) Search Engine Organizing (d) Search Engine Optimization
44. _____ is used to analyze the website health.
 (a) Seo Audit (b) SEM (c) SMO (d) Index
45. To create an array in JavaScript the correct method is _____.
 (a) `var d = new d [one, two, three]` (b) `var d = new d (one, two, three)`
 (c) `var arr = ["One", "Two", "Three"]` (d) `var d = (One), (Two), (Three)`
46. _____ method sets the minutes of a date object.
 (a) `setMinutes()` (b) `getDay()` (c) `now()` (d) `setHours()`
47. IaaS stand for _____.
 (a) Infrastructure as a Service (b) Infrastructure as a self
 (c) Infrastructure as a Secure (d) Infrastructure as a Section
48. _____ function converts the first character of each word in a string to upper case.
 (a) `substr()` (b) `strtolower()` (c) `trim()` (d) `ucwords()`
49. The form data is sent with the _____ method.
 (a) HTTP POST (b) FTP POST (c) STP POST (d) SMPT POST
50. License renewals and paying tax can be done through _____ type of E-Governance.
 (a) G2E (b) G2G (c) G2C (d) G2B

Model Answer

Shri Shahu Shikshan Prasarak Seva Mandal's
Shri Vijaysinha Yadav College, Peth Vadgaon
Department of Zoology
Departmental activity - VYMP Science Scholar

Model Answer

- | | | | |
|-----|---|-----|---|
| 1. | D | 29. | D |
| 2. | B | 30. | C |
| 3. | D | 31. | A |
| 4. | C | 32. | A |
| 5. | C | 33. | B |
| 6. | C | 34. | A |
| 7. | B | 35. | B |
| 8. | B | 36. | D |
| 9. | B | 37. | C |
| 10. | D | 38. | B |
| 11. | A | 39. | D |
| 12. | C | 40. | A |
| 13. | B | 41. | C |
| 14. | C | 42. | A |
| 15. | C | 43. | D |
| 16. | D | 44. | A |
| 17. | C | 45. | C |
| 18. | B | 46. | A |
| 19. | C | 47. | A |
| 20. | C | 48. | D |
| 21. | B | 49. | A |
| 22. | A | 50. | C |
| 23. | B | | |
| 24. | B | | |
| 25. | B | | |
| 26. | B | | |
| 27. | C | | |
| 28. | C | | |

Date of report - 22-03-2025



Dr. A. S. Pawar
Coordinator



Dr. R. H. Atigre
Head
Department of Zoology
Shri. Vijaysinha Yadav College
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Dr. Ashok S. Chavan
Principal
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