

“Education for Knowledge, Science and Culture”

-Shikshanmaharshi Dr. Bapuji Salunkhe

Shri Swami Vivekanand Shikshan Sanstha's

Vivekanand College, Kolhapur (Autonomous)

Department of Zoology

Academic Year: 2022-2023

Continuous Internal Evaluation (CIE) - B.Sc. II

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Department of Zoology

Academic Year: 2022-2023

Date-18/11/2022

NOTICE

All the students of B.Sc. II are hereby informed that Department of Zoology, Vivekanand College, Kolhapur (Autonomous) has organized online test of Semester IV schedule on 25/11/2022. As per the part of continuous internal evaluation attendance is compulsory to all.



Dr. G. K. Sontakke

**HEAD
DEPARTMENT OF ZOOLOGY
VIVEKANAND COLLEGE, KOLHAPUR
(AUTONOMOUS)**

Vivekanand College, Kolhapur (Autonomous) Department of Zoology Internal Examination 2022-23. B. Sc. II Sem IV Paper IV

cell biology, genetics, evolution and ethology

* Indicates required question

1. Email *

2. Name: *

3. Roll Number

Skip to question 4

Section I

Cell Biology, Genetics

4. 1. Which of the following NOT present in DNA? *

1 point

Mark only one oval.

Guanine

Adenine

Uracil

Cytocine

5. 2. Anticodon is present in *

1 point

Mark only one oval.

- rRNA
- tRNA
- mRNA
- snRNA

6. 3. Which of the following cell organelles is found in plant cells but not in animal cells?

* 1 point

Mark only one oval.

- Endoplasmic reticulum
- Golgi complex
- Chloroplast
- Nucleus

7. 4. Which cell organelle refer as suicidal bag? *

1 point

Mark only one oval.

- Lysosome
- Golgi bodies
- Endoplasmic reticulum
- Nucleus

8. 5. which cell organelle has its own DNA? *

1 point

Mark only one oval.

- Golgi complex
- Endoplasmic reticulum
- Mitochondia
- lysosome

9. 6. Which cell organelle is called power house of cell? *

1 point

Mark only one oval.

- ER
- nucleus
- Mitochondria
- plastid

10. 7. Which organelle is responsible for packaging of Protein? *

1 point

Mark only one oval.

- Mitochondria
- Golgi apparatus
- Ribosome
- Lysosome

11. 8.is the cells outermost boundary. *

1 point

Mark only one oval.

- Plasma membrane
- Cytoplasm
- Nuclear membrane
- None of Above

12. 9. Who coined term linkage? *

1 point

Mark only one oval.

- Correns
- Morgan
- Mendel
- De varies

13. 10. The tendency of two or more than two genes to stay together during inheritance is called _____ * 1 point

Mark only one oval.

- Genetics
- Gene interaction
- Crossing over
- Linkage

14. 11. Which of the following statement is NOT true regarding linkage group? * 1 point

Mark only one oval.

- Group of physically linked genes
- Represent a haploid number of chromosomes
- Shown by linkage map
- Linkage groups are not correlated with each other

15. 12. What is the unit of linkage map? * 1 point

Mark only one oval.

- Morgan
- Centi-morgan
- Centimeter
- Angstrom

16. 13. Name the phenomenon which can break the occurrence of linkage? * 1 point

Mark only one oval.

- Crossing over
- Linkage
- Reconstruction
- Breakage

17. 14. The linked gene does not follow: * 1 point

Mark only one oval.

- Cross over
- Segregation
- Linkage
- Assortment

18. 15. Crossing over takes place in the * 1 point

Mark only one oval.

- Diakinesis stage
- Anaphase stage
- Pachytene stage
- Leptotene stage

Untitled Section

Section II Evolution, Ethology

19. 16. The peppered moth *Biston betularia* is a light coloured species with dark patches is a example of * 1 point

Mark only one oval.

- Industrial Melanism
- Sexual reproduction
- Artificial selection
- Organic variation

20. 17. The selection process favours individuals that are best adapted to an new situation or to new ecological opportunities in one direction, such selection is called..... * 1 point

Mark only one oval.

- Directional selection
- Stabilizing selection
- Disruptive selection
- Sexual selection

21. 18. The remains or prints of animals and plants buried in the rocks or earth crust is termed as * 1 point

Mark only one oval.

- Foot prints
- Fossils
- Skeleton
- Trace



22. 19. The most accepted and widely used biological species concept is given by * 1 point

Mark only one oval.

- Linnaeus
 Ernst Mayr
 Mendel
 Darwin

23. 20. Grand Canyon squirrel is example ofspeciation * 1 point

Mark only one oval.

- Propatric
 Allopatric
 sympatric
 polypatric

24. 21. The evolutionary principle, use and disuse of organs are given by..... * 1 point

Mark only one oval.

- Hugo de vries
 Lamarck
 Darwin
 Weismann

25. 22. Theory of continuity of germplasm was given by *

1 point

Mark only one oval.

- Darwin
- Lamarck
- Mendel
- Weismann

26. 23. Neo-Darwinism is also called.....theory of evolution. *

1 point

Mark only one oval.

- Recent
- Modern
- Advanced
- Lamarck's

27. 24. A group of population in which genes are exchanged through interbreeding potentially is called

* 1 point

Mark only one oval.

- Ecology
- Species
- Population
- Ecosystem

28. 25. Which one of the following is not importance of biological species concept? * 1 point

Mark only one oval.

- Defines why individuals of same species alike
- Explains importance of reproduction
- Trends to ignore hybridization
- Has important role in taxonomy

29. 26.developed theory of evolution by observing the beak of finches. * 1 point

Mark only one oval.

- Lamarck
- Linnaeus
- Charles Darwin
- Alfred Russel

30. 27. On.....islands Darwin observed finches * 1 point

Mark only one oval.

- Gilligan
- Galapagos
- Australia
- Easter



31. 28. The competition between members of the same species is called struggle. * 1 point

Mark only one oval.

- Interspecific
 Intraspecific
 Environmental
 Geographic

32. 29. Which one of the following is not proposition of Lamarckism? * 1 point

Mark only one oval.

- Use and disuse
 Inheritance of acquired characters
 Natural selection
 Internal vital force

33. 30is the important postulate of Darwin theory. * 1 point

Mark only one oval.

- Use and disuse
 Struggle for existence
 Internal force
 Germplasm

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Department of Zoology

Academic Year: 2022-2023

Result

Sr. No.	Name of Student	Marks
1	Shruti Ravindra Shinde	17.00 / 30
2	Vedanshu Vinay Chopadar	26.00 / 30
3	Sharayu Pradeep Bhosale	28.00 / 30
4	Abhay Tatoba Shinde	27.00 / 30
5	Kedar Santosh Sutar	26.00 / 30
6	Damini Mohan Padaval	26.00 / 30
7	Preeti Deepak Koli	26.00 / 30
8	Shivani Vinayak Gurav	23.00 / 30
9	Namrata Anil Kandalkar	25.00 / 30
10	Asavari Anil Kalamkar	25.00 / 30
11	Sanika Prakash Thorbole	25.00 / 30
12	Arpita Sanjay Savairam.	27.00 / 30
13	Arpita Sachin Hawal	28.00 / 30
14	Indraja Vitthal Gore	25.00 / 30
15	Disha Kailas Mahadik	24.00 / 30
16	Jai Satish Koli	25.00 / 30
17	Omkar Vijay Patil	25.00 / 30
18	Shubhada Ganesh Patil	28.00 / 30
19	Supriy Milind Sarpe	27.00 / 30
20	Shraddha Dnyandev Patil	26.00 / 30
21	Adityaraj Sachin Shinde	26.00 / 30
22	Shruti Ramchandra Kumbhar	26.00 / 30
23	Sandhyarani Santosh Chendage	27.00 / 30
24	Rutuja Balaso Chougule	26.00 / 30
25	Priyanka Prakash Shinde	25.00 / 30
26	Shriya Prakash Lole	26.00 / 30
27	Prachi Uday Awate	26.00 / 30
28	Sanika Gajanan Patil	26.00 / 30
29	Pendhari Yusaira Zahir	26.00 / 30
30	Nilam Tamaichikar	25.00 / 30
31	Nikita Uttam Koli	26.00 / 30
32	Abhijeet Amar Jadhav	27.00 / 30
33	Smita Lakshman Patil	26.00 / 30
34	Snehal Babaso Kashid	26.00 / 30

35	Ankita Chotelal Sahani	25.00 / 30
36	Mohini Shivaji Mulik	27.00 / 30
37	Sanika Sanjay Patil	26.00 / 30
38	Dhanashri Raju Balekundri	26.00 / 30
39	Swarupa Prasad Khairmode	26.00 / 30
40	Aishwarya Maruti Angaj	27.00 / 30
41	Aman Pralhad Mane	23.00 / 30
42	Siddhi Anil Parkar	27.00 / 30
43	Koustubh Kishor Yedurkar	26.00 / 30
44	Shefali Satish Potdar	25.00 / 30
45	Shreeshail Mallappa Surgali	26.00 / 30
46	Sanika Shital Patil	27.00 / 30
47	Patil Snehal Yalgonda	25.00 / 30
48	Sourabh Rajaram Sankpal	22.00 / 30
49	Rushita Dinkar Powar	26.00 / 30
50	Sanovar Salim Mulla	26.00 / 30
51	Ashlesha Shivaling Madhale	25.00 / 30
52	Malavi Rahul Gautam	26.00 / 30
53	Alisha Tanaji Kothavale	24.00 / 30
54	Swara Sachin Bhurke	26.00 / 30
55	Kamble Tejaswini Maruti	24.00 / 30
56	Janhavi Jagdish Patil	26.00 / 30
57	Shukrani Chandrakant Kandalkar	27.00 / 30
58	Pallavi Ravindra Hande	27.00 / 30
59	Pranav Raju Sandugade	28.00 / 30
60	Tejas Dilip Sutar	26.00 / 30
61	Sakshi Nandkumar Chothe	27.00 / 30
62	Prasad Subhash Vadgaonkar	24.00 / 30
63	Aman Sanjay Kamble	26.00 / 30
64	Pravarta Dabholkar	26.00 / 30
65	Harshada Pradip Khot	27.00 / 30
66	Sanika Sagar Chavan	28.00 / 30
67	Vaishnavi Vivek Chandala	27.00 / 30
68	Shrutika Manik Pardeshi	24.00 / 30
69	Naeem Shaikh	25.00 / 30
70	Jyoti Hanumant Jadhav	26.00 / 30
71	Ganesh Bhimrao Pathrut	16.00 / 30
72	Abhishek Lenin Kodnaik	26.00 / 30
73	Pratiksha Pandit Halunde	25.00 / 30
74	Shweta Dattatray Mane	28.00 / 30
75	Ganesh Shivaji Mane	28.00 / 30
76	Pooja Amar Patil	26.00 / 30
77	Pallavi Raju Koli	18.00 / 30
78	Aishwarya Shashikant Patil	22.00 / 30
79	Mahima Vikas Sarvagode	26.00 / 30

80	Saniya Yunus Nadaf	24.00 / 30
81	Koli Mayur Lahu	25.00 / 30
82	Prachi Chandrakant Kesarkar	26.00 / 30
83	Arpita Shivaji Patil	23.00 / 30
84	Pranali Shivaji Vharamble	27.00 / 30
85	Manoj Arunkumar Miraje	26.00 / 30
86	Raviraj Nemaji Bhise	27.00 / 30
87	Avadhoot Vijayanand Mohite	27.00 / 30
88	Rohan Bhagavan Kamble	27.00 / 30
89	Janhavi Vikrant Salokhe	26.00 / 30
90	Vaishnavi Ramesh Pisal	26.00 / 30
91	Sakshi Deepak Koli	25.00 / 30
92	Atharva Ramdas Gurav	25.00 / 30
93	Kedar Kharade	27.00 / 30
94	Babu Mahadev Lahade	27.00 / 30
95	Tasnim Yunus Desai	26.00 / 30
96	Anushka Amar Kamble	19.00 / 30
97	Tabsum Zakhirhusen Mullani	25.00 / 30
98	Rishikesh Vijay Wadar	17.00 / 30
99	Ankita Rajendra Thombare	25.00 / 30
100	Manasi Amit Magar	24.00 / 30
101	Namira Mansur Mulla	20.00 / 30
102	Prathmesh Suresh Kapurkar	23.00 / 30
103	Pradeep Bhimrao Ganap	27.00 / 30
104	Rohan. R. Sawant	26.00 / 30
105	Sapana Shivram Gawari	23.00 / 30
106	Galaxy Sunil Pawar	24.00 / 30
107	Milisha Jadhav	28.00 / 30
108	Samruddhi Sudhir Patil	27.00 / 30
109	Gayatri Chandrakant Tope	17.00 / 30

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