

28-06-24

23BZO201

UG PROGRAM (4 YEARS HONOURS) WITH SINGLE MAJOR
AT THE END OF SECOND SEMESTER
ZOOLOGY-ANIMAL DIVERSITY-I BIOLOGY OF NON-CHORDATES
(B.Sc HONOURS-MAJOR)
(w.e.f. Admitted Batch 2023-24)

Maximum: 70 marks

Time: 3Hours

SECTION-A

5x4=20

Answer any FIVE questions.

1. Five kingdom classification
2. Coral reefs
3. Nemathelminthes
4. Vermicompost
5. Pearl formation
6. Asexual reproduction in protozoa
7. Ascon type of canal system
8. Hemichordata

SECTION-B

5x10=50

Answer ALL questions.

9. a) Give an account on locomotion in protozoans.

(Or)

- b) Write Protozoa general characters and classification.

10. a) Give an account on polymorphism in coelenterates.

(Or)

- b) Write Porifera general characters and classification.

11. a) Write an essay on Parasitic adaptations in helminthes.

(Or)

- b) Write an essay on the life cycle and pathogenicity of *Ascaris*.

12. a) Give an account on structure and affinities of *Peripatus*.

(Or)

- b) Write general characters and classification of Arthropoda.

13. a) Give an account on structure and affinities of *Balanoglossus*.

(Or)

- b) Describe water vascular system in starfish.