

25BZO101

UG PROGRAM (4 YEARS HONOURS) WITH SINGLE MAJOR
AT THE END OF FIRST SEMESTER
ZOOLOGY - ANIMAL DIVERSITY - I BIOLOGY OF NON-CHORDATES
(B.Sc. HONOURS-MAJOR)
(w.e.f. Admitted Batch 2025-26)

Time: 3 Hours

Maximum: 70 Marks

Section-A

5x4=20

Answer any Five Questions.

1. Explain Whittaker's five-kingdom classification.
2. Write general characters of Porifera.
3. Write the parasitic adaptations in helminths.
4. Write general characters of Annelida.
5. Explain the general characters of Mollusca.
6. Write a short note on polymorphism in coelenterates.
7. Write the economic importance of insects.
8. Write a note on water vascular system in starfish.

Section-B

5x10=50

Answer All Questions.

9. a) Describe the general characters and classification of Protozoa.

(Or)

- b) Explain locomotion in Protozoa with examples.

10. a) Explain the canal system in sponges with diagrams.

(Or)

- b) Describe Coelenterata general characters.

11. a) Describe Platyhelminthes general characters.

(Or)

- b) Explain the life cycle of *Ascaris lumbricoides*.

12. a) Explain vermiculture and its significance.

(Or)

- b) Describe Arthropoda general characters.

13. a) Explain Echinodermata general characters.

(Or)

- b) Describe *Balanoglossus* structure and affinities.