

25U208S

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Name:

Reg.No:

SECOND SEMESTER B.Sc. DEGREE EXAMINATION, APRIL 2026

(CBCSS - UG)

CC19UZOL2B02 - ANIMAL DIVERSITY : NON-CHORDATA PART - II

(Zoology - Core Course)

(2019 to 2023 Admissions - Supplementary)

Time : 2.00 Hours

Maximum : 60 Marks

Credit : 3

Part A (Short answer questions)

Answer **all** questions. Each question carries 2 marks.

1. What are parapodia? Mention its function.
2. Distinguish between class Oligochaeta and Polychaeta.
3. Write down the economic importance of *Lampito mauritii*.
4. Write the branchial formula of *Penaeus indicus*.
5. Sketch and label second maxilla and second maxilliped of Prawn.
6. What is the mode of reproduction in *Sacculina*?
7. Differentiate between chilopoda and diplopoda.
8. Write a note on the peculiarities of *Troides minos*.
9. Write a note on *Limulus*.
10. Comment on the economic importance of *Perna viridis*.
11. What is pedicellaria?
12. Describe the affinities of *Balanoglossus*.

(Ceiling: 20 Marks)

Part B (Short essay questions - Paragraph)

Answer **all** questions. Each question carries 5 marks.

13. Write an account on the affinities of *Peripatus*.
14. Explain the central nervous system of *Pila*.
15. Describe the morphological characters of *Chiton*.
16. Write notes on *Dentalium*.
17. Explain the salient features of Cephalopoda with a suitable example.

18. What are the characteristic features of Class Asteroidea.
19. Describe the general characters of Phylum Echiura.

(Ceiling: 30 Marks)

Part C (Essay questions)

Answer any *one* question. The question carries 10 marks.

20. Write notes on any Five of the following:
a. Eupagurus b. Holothuria c. Turbinella d. Arenicola e. Nereis f. Phoronis
21. Enumerate the general characters and outline classification of phylum Mollusca upto classes with suitable examples.

(1 × 10 = 10 Marks)
