

**23U208**

(Pages: 2)

Name: .....

Reg.No: .....

**SECOND SEMESTER B.Sc. DEGREE EXAMINATION, APRIL 2024**

(CBCSS - UG)

(Regular/Supplementary/Improvement)

**CC19U ZOL2 B02 - ANIMAL DIVERSITY - NON CHORDATA - II**

(Zoology - Core Course)

(2019 Admission onwards)

Time : 2.00 Hours

Maximum : 60 Marks

Credit : 2

**Part A** (Short answer questions)

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

1. Enlist any four salient features of Phylum Annelida.
2. What is meant by living fossil? Give an example.
3. What is the mode of reproduction in Sacculina?
4. Differentiate between chilopoda and diplopoda.
5. Write on Troides minos.
6. Write an account on Trilobites.
7. What is osphradium? Mention its function.
8. Differentiate between Scaphophoda and Pelecypoda.
9. What are the benthic adaptations of class Pelecypoda?
10. What is pedicellaria?
11. What are the characteristic features of Class Holothuroidea?
12. Describe the affinities of Balanoglossus.

**(Ceiling: 20 Marks)**

**Part B** (Short essay questions - Paragraph)

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

13. Explain the structure and function of parapodium.
14. Name a blood sucking annelid. Mention its blood sucking adaptations.
15. Explain the structure of compound eye of Penaeus.
16. Describe the major salient features of phylum Arthropoda.

17. Describe the morphological characters of Chiton.
18. Explain the salient features of Cephalopoda with a suitable example.
19. Describe the adaptations and morphological peculiarities of lophophorites.

**(Ceiling: 30 Marks)**

**Part C (Essay questions)**

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

20. Write an essay on the appendages of *Penaeus indicus*.
21. Enumerate the general characters and outline classification of phylum Mollusca upto classes with suitable examples.

**(1 × 10 = 10 Marks)**

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