

20U208

(Pages: 2)

Name:

Reg.No:

SECOND SEMESTER B.Sc. DEGREE EXAMINATION, APRIL 2021

(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* question. Each question carries 2 marks.

1. Write down the features of *Arenicola*
2. Elaborate the biological importance of *Peripatus*.
3. Differentiate between ticks and mites.
4. Differentiate between chilopoda and diplopoda.
5. Write a note on the peculiarities of *Troides minos*.
6. Write a note on *Limulus*.
7. Write down the adaptations of *Chiton*.
8. Write down the features of *Dentalium*.
9. Comment on the economic importance of *Perna viridis*.
10. What is pedicellaria?
11. What are the pecculiarities of Bipinnaria larva?
12. Describe the affinities of *Balanoglossus*.

(Ceiling: 20 Marks)

Part B (Short essay questions - Paragraph)

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

13. Explain the reproduction and metamorphosis of Nereis with diagram.
14. Enlist six diagnostic features of phylum Annelida.
15. Sketch and label the nervous system of prawn. Add a note on its major sense organs.
16. Describe the major salient features of phylum Arthropoda
17. Enlist the salient features of Phylum Mollusca
18. Write a short not on class Cephalopoda.
19. Enlist the salient features of Phylum Phoronida

(Ceiling: 30 Marks)

Part C (Essay questions)

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

20. Write an essay on the appendages of *Penaeus indicus*.
21. Write an essay on the nervous system in *Pila globosa*.

(1 × 10 = 10 Marks)
