

21U208

(Pages: 2)

Name:

Reg.No:

SECOND SEMESTER B.Sc DEGREE EXAMINATION, APRIL 2022

(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. Write down the features of Arenicola
3. Sketch and label Antennary gland of Prawn.
4. What is the mode of reproduction in Sacculina?
5. Differentiate between chilopoda and diplopoda.
6. Comment on Malabar Banded Peacock.
7. Write down the adaptations of Chiton.
8. What are the benthic adaptations of class Pelecypoda?
9. Comment on the adaptations of Class Cephalopoda.
10. What is pedicellaria?
11. What are the characteristic features of Class Crinoidea?
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 locomotion in Nereis with a diagram of parapodia.
14. Write an account on the affinities of Peripatus.

15. Sketch and label the cephalic appendages of Prawn.
16. What is the systematic position of Limulus? Mention its peculiarities.
17. Explain the sense organs in Pila.
18. Explain the body organization in tusk shells with the help of a diagram.
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. Elaborate the salient features of Phylum Arthropoda. Classify up to classes giving examples.
21. Enumerate the general characters and outline classification of phylum Mollusca upto classes with suitable examples.

(1 × 10 = 10 Marks)
