

22U116

(Pages: 2)

Name:

Reg.No:

FIRST SEMESTER B.Sc. DEGREE EXAMINATION, NOVEMBER 2022

(CBCSS - UG)

(Regular/Supplementary/Improvement)

CC19U ZOL1 B01 - ANIMAL DIVERSITY - NON CHORDATA - 1

(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. What is meant by cladistics?
2. Differentiate between radial and biradial symmetry.
3. What is schizocoel and mention an animal in which it is present.
4. Write the salient features of Phylum Rhizopoda.
5. Comment on the Phylum Parabasalia citing example.
6. Mention four major characteristic features of sponges.
7. What is amphiblastula?
8. Illustrate the structure of Cnidocytes found in Cnidarians.
9. Give the structure of gonangium.
10. What is meant by polyembryony?
11. Comment on the feeding behavior of Dugesia.
12. What is meant by ancylostomiasis? Name the three larval stages of the causative organism.

(Ceiling: 20 Marks)

Part B (Short essay questions - Paragraph)

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

13. Write a short note on newer trends in systematics.
14. Give an account on five kingdom classification with merits and demerits.
15. Write an account on ingestory apparatus and nutrition in Paramecium.
16. Explain the features of Dicyema and its life cycle.

17. Enlist the salient features of Pleurobrachia and mention its larval form.
18. Describe the affinities of Rotifers with that of other invertebrate Phyla.
19. Describe the heterogeneity of super phylum aschelminthes.

(Ceiling: 30 Marks)

Part C (Essay questions)

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

20. Describe the structural organization of Paramecium and explain the process of conjugation.
21. Elaborate the polymorphism and division of labour in Cnidarians.

(1 × 10 = 10 Marks)
