

24U125S

(Pages: 2)

Name:

Reg.No:

FIRST SEMESTER B.Sc DEGREE EXAMINATION, NOVEMBER 2024

(CBCSS - UG)

CC19U ZOL1 B01 - ANIMAL DIVERSITY - NON CHORDATA PART - I

(Zoology - Core Course)

(2019 to 2023 Admissions - Supplementary/Improvement)

Time : 2.00 Hours

Maximum : 60 Marks

Credit : 2

Part A (Short answer questions)

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

1. Differentiate between categories and taxa with example.
2. Differentiate between eubacteria and archaeobacteria.
3. Comment on Parazoa with example.
4. Explain briefly about the Entamoeba.
5. Give the salient features of phylum ciliophora.
6. Mention four major features of Leucosolenia.
7. What are comb plates and what is their function?
8. What is hydranth?
9. Mention four major characteristics of phylum Rotifera.
10. What are flame cells?
11. What is enterobiasis?
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. Differentiate between Protostomia and Deuterostomia with examples.
15. Briefly explain binary fission and conjugation in Paramecium.
16. Enlist the salient features of sub kingdom mesozoa citing example.
17. What are gemmules ? Elaborate its structure and functions.
18. Compare the medusa of Obelia to that of a Scyphozoan.

19. Enlist the salient feature of Class Trematoda. Give examples.

(Ceiling: 30 Marks)

Part C (Essay questions)

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

20. Describe the ultrastructure of infraciliary apparatus and cilium in Paramecium.

21. Elaborate the polymorphism and division of labour in Cnidarians.

(1 × 10 = 10 Marks)
