

Reg. No

Name

B. Sc DEGREE END SEMESTER EXAMINATION - OCTOBER 2019
SEMESTER 1 : ZOOLOGY
COURSE : 19U1CPZOO1 : ANIMAL DIVERSITY – NON CHORDATA
(For Regular - 2019 Admission)

Time : Three Hours

Max. Marks: 60

Section A
Answer all (1 marks each)

1. Comment on shizocoelus phyla.
2. What is nephridia?
3. What is branchiostegite?
4. What is gastric mill?
5. What is radula?
6. What is ambulacral system?
7. What are the photosynthetic pigments found in Rhodophyta?
8. Which sponge is known as 'Venus flower basket'?

(1 x 8 = 8)

Section B
Answer any 6 (2 marks each)

9. Describe velvet worms.
10. Name the larval forms of prawn.
11. Mention annelidan affinities of Neopalina.
12. Give brief account on different respiratory systems in echinodermata.
13. Write notes on Balanoglossus
14. What are the differences between psuedopodia and axopodia ?
15. What is diatomaceous earth? Mention its significance.
16. What are triploblastic animals. Give example.

(2 x 6 = 12)

Section C
Answer any 4 (4 marks each)

17. Write an account on different types of Coelom. Give examples
18. Describe Polychaeta and Oligochaeta
19. Why is Peripatus considered as living fossil ? Mention its Annelidan and Arthropodan affinities ,
20. Describe the life cycle of Entamoeba histolytica.
21. Explain the salient features of Coelenterata .Classify up to classes with examples.
22. Write short notes on any two nematodes.

(4 x 4 = 16)

Section D**Answer any 2 (12 marks each)**

23. Give an account on classification and salient features of Arthropoda.
24. Give an account on salient features of the different classes of Mollusca giving examples
25. Give an account on different classes of Echinoderms and its salient features.
26. Name different phylas coming under Kingdom Protista with examples.

(12 x 2 = 24)