

Reg. No

Name

22U155

B. Sc. DEGREE END SEMESTER EXAMINATION : OCTOBER 2022

SEMESTER 1 : COMPLEMENTARY ZOOLOGY FOR BOTANY

COURSE : 19U1CPZOO1 : ANIMAL DIVERSITY – NON CHORDATA

(For Regular – 2022 Admission and Improvement / Supplementary - 2021/2020/2019 Admissions)

Time : Three Hours

Max. Marks: 60

PART A

Answer All (1 mark each)

1. Name any two parasitic protozoans.
2. What is echinoderm regeneration?
3. What is symmetry?
4. What are epipodites?
5. What is malacology?
6. What are sanguivorous animals ?
7. Describe Zoea.
8. Comment on Osculum.

(1 x 8 = 8)

PART B

Answer any 6 (2 marks each)

9. What is torsion and In which group of molluscs torsion is very important?
10. Write salient features of Ophiurodea.
11. With an example illustrate metamorphosis.
12. What is measly pork?
13. Describe Balanoglossus.
14. Describe velvet worms.
15. Describe centipede and millipede .
16. Why is Noctiluca known as sea sparkle.

(2 x 6 = 12)

PART C

Answer any 4 (4 marks each)

17. Write an account on different types of Coelom. Give examples
18. Describe Prawn Nervous system with neat diagram.
19. Write salient features of polychaeta and Oligochaeta
20. Describe Bivalvia and Gastropoda
21. Write about any two pests of coconuts.
22. Comment on the natural factors causing damage to corals

(4 x 4 = 16)

PART D

Answer any 2 (12 marks each)

23. Explain salient features of Echinodermata and write a note on the different classes.
24. Give an outline classification of Mollusca and write its salient features
25. Give an account on larval stages of prawns.
26. Elaborate three phases in the life cycle of Plasmodium.

(12 x 2 = 24)