



23145844

**QP CODE: 23145844**

**Reg No** : .....

**Name** : .....

**B.Sc DEGREE (CBCS) REGULAR / IMPROVEMENT / REAPPEARANCE  
EXAMINATIONS, DECEMBER 2023**

**First Semester**

**Complementary Course - ZY1CMT01 - ZOOLOGY - NON CHORDATE DIVERSITY**

(Common to B.Sc Botany Model I, B.Sc Botany Model II Environmental Monitoring And Management, B.Sc Botany Model II Food Microbiology, B.Sc Botany Model II Horticulture and Nursery Management, B.Sc Botany Model II Plant Biotechnology, B.Sc Family & Community Science Model I, B.Sc Food Science & Quality Control Model III, B.Sc Food Technology & Quality Assurance, B.Sc Biological Techniques and Specimen Preparation Model III, B.Sc Botany and Biotechnology Model III Double Main )

2017 Admission Onwards

21550DAE

Time: 3 Hours

Max. Marks : 60

**Part A**

*Answer any **ten** questions.*

*Each question carries **1** mark.*

1. Mention any two characteristic features of Monera.
2. Define amoeboid movement.
3. Write any two salient features of Rhodophyta.
4. What is the common relation between Porifera and Protista?
5. What is a Polyp?
6. Classify coral reef.
7. Define Protonephridia.
8. What is the function of setae?
9. Why Arthropods are called so?
10. What is torsion?
11. What is meant by Ambulacral system?





12. Give any two similarities exist between Hemichordata and Annelida.

(10×1=10)

**Part B**

*Answer any **six** questions.*

*Each question carries **5** marks.*

13. Explain the salient features of Kingdom Protista.
14. List out any four parasitic Protists and mention the disease caused by them.
15. Give an account on Opalinata with an example.
16. What are Coelenterates? Comment on its salient features.
17. Write a short note Wuchereria bancrofti.
18. Give an account on digestive system in Penaeus.
19. Write a note on Respiratory system in Penaeus.
20. Mention the features of Crustacea.
21. Briefly describe Stars fish.

(6×5=30)

**Part C**

*Answer any **two** questions.*

*Each question carries **10** marks.*

22. Give a detailed account of any two disease causing Protists, highlighting on the disease caused, mode of transmission & life cycle.
23. Write an essay on the classification and characteristics of different classes under phylum Platyhelminthes.
24. Write an essay on the following a) reproductive system & b) nervous system in Penaeus.
25. Describe the classification of Mollusca up to classes. Mention three important characters of each class and give suitable examples.

(2×10=20)

