

QP CODE: 18103658



Reg No :

Name :

B.Sc.DEGREE(CBCS)EXAMINATION, DECEMBER 2018

First Semester

Complementary Course- ZY1CMT01 - ZOOLOGY - NON CHORDATE DIVERSITY

(Common to B.Sc Biological Techniques and Specimen Preparation Model III, B.Sc Botany and Biotechnology Model III Double Main,

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)

2018 Admission only

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Maximum Marks: 60

Time: 3 Hours

Part A

Answer any **ten** questions.

Each question carries **1** mark.

1. Mention any two characteristic features of Plantae.
2. What is meant by Filter feeding? Give one example?
3. Name the causative agent of Pebrine disease.
4. Define Polymorphism.
5. What is a dactylozoid?
6. Classify coral reef.
7. Name the type of excretory organ found in Platyhelminthes.
8. Name any two digenetic parasites of flatworms.
9. What is a Statocyst?
10. Comment on radula.
11. Transition from bilateral symmetry to pentamerous radial symmetry can be noticed in the members of which phylum?
12. What is Respiratory tree?

(10×1=10)

Part B

Answer any **six** questions.

Each question carries **5** marks.

13. Write short note on Amoeba.





14. Give an account on Cryptophyta with an example.
15. Give an account on Choanoflagellata with an example.
16. Explain the salient features of Phylum Porifera.
17. Write a short note Wuchereria bancrofti.
18. With the help of a labeled diagram describe the excretory organs of Penaeus.
19. Explain the nervous system of Penaeus with the help of neat labelled diagram.
20. Give an account on Trilobites.
21. Mention the characteristic features of Dentalium.

(6×5=30)

Part C

Answer any **two** questions.

Each question carries **10** marks.

22. Define amoebiasis and amoebic dysentery? Explain in the morphology, mode of transmission and life cycle of Entamoeba histolytica.
23. Classify Phylum Annelida up to class and give example for each.
24. Briefly describe Phylum: Arthropoda.
25. Give an account on Hemichordata with special reference to Balanoglossus. Mention its affinities with Chordata.

(2×10=20)

