

QP CODE: 19101058



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)

2017 Admission (Reappearance)

350897B2

Maximum Marks: 60

Time: 3 Hours

Part A

Answer any **ten** questions.

Each question carries **1** mark.

1. Give the name of the Protista which is commonly called as 'Sea sparkle'.
2. Give the common name and scientific name of Trypanosoma?
3. Name the causative agent of malaria?
4. What is amphiblastula?
5. Mention any two characteristic features of Scyphozoa.
6. Classify corals.
7. List any two larval forms of Fasciola.
8. What is Metanephridia?
9. What is Branchiostegite?
10. What is Ctenidium?
11. Which type of body symmetry is exhibited by echinoderms?
12. Mention any two characteristic features of Ophiuroidea.

(10×1=10)

Part B

Answer any **six** questions.

Each question carries **5** marks.

13. Write note on the symmetry in animals.





14. Explain briefly the salient features of Protists.
15. Explain in detail about Bacillariophyta. Give example.
16. Explain the salient features of Phylum Coelenterata.
17. Write short note on Nereis.
18. What are the salient features of Phylum Arthropoda?
19. Explain the respiratory system in Penaeus.
20. Write a short note on Merostoma with the help of an example.
21. Give an account on salient features of Hemichordata.

(6×5=30)

Part C

Answer any **two** questions.

Each question carries **10** marks.

22. Describe in detail the Life cycle of two pathogenic protists.
23. With the help of labeled diagrams, explain the structure of appendages in thoracic and abdominal regions of Penaeus.
24. With the help of a diagram, describe the nervous system and sense organ of Penaeus.
25. Write an essay on Class Gastropoda, Cephalopoda and Scaphopoda with the help of examples.

(2×10=20)

