

QP CODE: 19103057



19103057

Reg No :

Name :



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B.Sc.DEGREE (CBCS) EXAMINATION, NOVEMBER 2019

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 Onwards

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Time: 3 Hours

Maximum Marks :60

Part A

Answer any ten questions.

Each question carries 1 mark.

1. What is holophytic nutrition?
2. Define saprozoic nutrition.
3. Name one colonial Protist.
4. Who are Poriferans?
5. What is meant by Metagenesis?
6. What are cnidocytes?
7. What is Metamerism?
8. What is Parapodia? Mention its functions.
9. Mention any two characteristic features of Pycnogonida.
10. Define Radula.
11. In which phylum do we find Pentamerous radial symmetry ? Give an example.
12. Comment on the significance of ctenidia.

(10×1=10)



Part B

Answer any six questions.

Each question carries 5 marks.

13. Write note on the symmetry in animals.
14. Comment on the characters of the phylum to which Paramecium belongs.
15. Explain the pathogenicity and clinical symptoms of Entamoeba infection.
16. Explain briefly on the different types of coral reefs.
17. Explain the salient features of Phylum Platyhelminthes.
18. Mention the salient features of Arthropoda with examples.
19. Give an account on the Excretory system in Penaeus.
20. Mention in detail the Nervous system in Penaeus.
21. Describe the salient features of Phylum Hemichordata.

(6×5=30)

Part C

Answer any two questions.

Each question carries 10 marks.

22. Classify Protista with salient features and examples.
23. Classify phylum Nematoda upto class and mention suitable examples for each class.
24. With the help of suitable diagram, explain the structure of different appendages in Penaeus.
25. Compare and contrast the characteristic features of different classes of Mollusca with examples.

(2×10=20)