



QP CODE: 21103170



21103170

Reg No : .....

Name : .....

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

**DECEMBER 2021**

**Second Semester**

**Complementary Course - ZY2CMT02 - ZOOLOGY - CHORDATE DIVERSITY**

(Common for 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 and Biotechnology Model III Double Main, B.Sc Family & Community Science Model I, B.Sc Food Science & Quality Control Model III, B.Sc Biological Techniques and Specimen Preparation Model III, B.Sc Botany Model II Plant Biotechnology, B.Sc Food Technology & Quality Assurance)

2017 ADMISSION ONWARDS

62F0AC06

Time: 3 Hours

Max. Marks : 60

**Part A**

*Answer any **ten** questions.*

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

1. How does asexual mode of reproduction take place in Salpa?
2. What is oral hood?
3. Give an example of Class Ostracodermi.
4. Comment on bony fishes.
5. What are tetrapods?
6. What is amphibious mode of life?
7. Define aestivation.
8. What is the role of hind limbs in frog?
9. Name the digestive glands in frog.
10. Name a sea dwelling fish like reptile.
11. What are pneumatic bones?
12. What is rete mirabile?

(10×1=10)





**Part B**

*Answer any **six** questions.*

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

13. Describe the fundamental characters of Chordata.
14. Explain the salient features of Urochordates.
15. Give the salient features of superclass tetrapoda.
16. Explain axolotle larva.
17. Explain the structure of the pectoral girdle.
18. Write about portal system in frog.
19. Sketch & label female reproductive system of frog.
20. Describe the salient features of Neornithes.
21. Describe the characteristic features of Macropus.

(6×5=30)

**Part C**

*Answer any **two** questions.*

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

22. Write an essay on the various accessory respiratory organs in fishes.
23. With suitable diagram explain the structure and functions of central nervous system in frog.
24. Write an essay on poisonous snakes of Kerala.
25. Explain the salient features of Mammals.

(2×10=20)

