



22103130

QP CODE: 22103130

Reg No :

Name :

**B.Sc DEGREE (CBCS) REGULAR / IMPROVEMENT / REAPPEARANCE
EXAMINATIONS, OCTOBER 2022**

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

634B91EF

Time: 3 Hours

Max. Marks : 60

Part A

*Answer any **ten** questions.*

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

1. Comment on notochord.
2. Mention the function of wheel organ in Amphioxus.
3. Name the larva of cyclostomes.
4. Mention the types of scales in fishes.
5. What is nictitating membrane?
6. Comment on parental care in Amphibia.
7. Comment on viscera.
8. Comment on urostyle.
9. Comment on otolith.
10. Name the only group of reptiles which has four chambered heart.
11. What is double respiration?





12. What is blubber?

(10×1=10)

Part B

*Answer any **six** questions.*

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

13. Compare and contrast the salient features of Urochordata and Cephalochordata.
14. Explain the structure of Oikopleura.
15. Explain the salient features of Gnathostomata.
16. Describe the sexual dimorphism in frog.
17. Why is the common frog known as hexadactyli?
18. Describe the excretory system of frog.
19. Explain the life cycle of frog.
20. Write the evolutionary significance of Archeopteryx.
21. Write a short essay on pouched Mammals.

(6×5=30)

Part C

*Answer any **two** questions.*

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

22. Classify Agnatha up to classes, giving salient features of each class with examples.
23. Write an essay on the digestive system present in frog. Describe the process of food capture and digestion.
24. Give an account on poisonous and non poisonous snakes in Kerala.
25. Give an account on the salient features of mammals. Describe the distinctive characters of any two mammals.

(2×10=20)

