



QP CODE: 24019270



24019270

Reg No :

Name :

**B.Sc DEGREE (CBCS) REGULAR / IMPROVEMENT / REAPPEARANCE
EXAMINATIONS, MAY 2024**

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

B24C7AA6

Time: 3 Hours

Max. Marks : 60

Part A

*Answer any **ten** questions.*

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

1. What is corda dorsalis?
2. Comment on atriopore.
3. Name the replaced structure alternative to the notochord in adults.
4. Name the various structures used for gas exchange in fishes.
5. Write down the respiratory organs in adult amphibians.
6. What is mesentery?
7. Comment on truncus arteriosus.
8. What is ramus communicans?
9. Name the common passage of urine and sperm in frog.
10. What are corneoscutes?
11. Give the scientific name of any two poisonous snakes.





12. What is blubber?

(10×1=10)

Part B

*Answer any **six** questions.*

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

13. Write down the classification of sub-phylum Urochordata upto classes with suitable examples.
14. Give reason for the term larvacea.
15. Describe the characteristic features of Narcine.
16. Describe the salient features of Tetrapoda.
17. Why is the common frog known as hexadactyli?
18. Explain the coelom of Frog.
19. Explain the various vertebrae present in frog.
20. Explain the affinities of Archeopteryx.
21. Write a brief note of types of Teeth in Mammals.

(6×5=30)

Part C

*Answer any **two** questions.*

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

22. Enumerate the salient features and classification of Agnatha.
23. Write an essay on the digestive system present in frog. Describe the process of food capture and digestion.
24. Write an essay on the flight adaptation in birds.
25. Compare and contrast the salient features of Prototheria, Metatheria and Eutheria citing example.

(2×10=20)

