



QP CODE: 20101130



20101130

Reg No : .....

Name : .....

**B.Sc. DEGREE (CBCS) EXAMINATION, NOVEMBER 2020**

**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

100B1C49

Time: 3 Hours

Max. Marks : 60

**Part A**

*Answer any **ten** questions.*

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

1. What are euarchordates?
2. What is the meaning of the term cephalochordates ?
3. Why vertebrates are known as craniates?
4. Write any 2 examples for Super class Pisces.
5. Write down the respiratory organs in adult amphibians?
6. Comment on tadpole larva.
7. What is amphicoelous centrum?
8. Name the unit of kidney.
9. Comment on sclerotic layer.
10. Name the largest living bird.
11. List any two morphological adaptations for flight in birds.
12. Write down the function of harderian gland.

(10×1=10)

**Part B**

*Answer any **six** questions.*





*Each question carries 5 marks.*

13. Write down the salient features of sub-phylum Urochordata.
14. Give an account on Oikopleuran house.
15. Explain the evolutionary importance of Latimeria
16. Name the classes under Tetrapoda with examples.
17. Sketch and label the skin of Frog.
18. Explain the mechanism of feeding in Frog.
19. Give an account on the structure of male reproductive system in Frog.
20. Write about any two poisonous snakes in Kerala.
21. Write briefly on egg-laying 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. Describe the structure of frog's brain with neat labeled diagram. Add notes on the ventricles.
24. Compare and contrast the salient features of Anapsida, Diapsida and Parapsida citing example.
25. Classify mammals up to sub classes, giving salient features of each class with examples.

(2×10=20)

