

B. Sc. DEGREE END SEMESTER EXAMINATION - MARCH 2024**SEMESTER 2 - COMPLEMENTARY ZOOLOGY FOR BOTANY****COURSE : 19U2CPZOO02 - ANIMAL DIVERSITY CHORDATA***(For Regular - 2023 Admission and Improvement / Supplementary – 2022/2021/2020/2019 Admissions)*

Time : Three Hours

Max. Marks: 60

PART A**Answer All (1 mark each)**

1. Write the scientific names of one poisonous snakes.
2. Name the Larval form of Petromyzon.
3. What is choroid plexus?
4. Name the fins present on fishes.
5. Comment on Retia mirabilia.
6. What is acetabulum?
7. What is pecten?
8. Name the two portal system in frog.

(1 x 8 = 8)**PART B****Answer any 6 (2 marks each)**

9. Why is the sea squirt so called?
10. Describe digestive system in frog.
11. Distinguish between Parapsida and Synapsida.
12. State the salient features of Agnatha.
13. Explain female reproductive system of frog.
14. Describe Axolotl larva.
15. Comment on Archaeopteryx.
16. Differentiate heterocercal and homocercal fin.

(2 x 6 = 12)**PART C****Answer any 4 (4 marks each)**

17. Comment on the arboreal adaptations of *Chamaeleon*.
18. Give an account on sense organs in frog.
19. List the salient features of Chondrichthyes.
20. Briefly describe the salient features of Class Aves.
21. Describe three fundamental characteristics of Chordata.
22. List salient features of Amphibia.

(4 x 4 = 16)**PART D****Answer any 2 (12 marks each)**

23. Write an essay on Cephalochordata and explain Amphioxus.
24. Explain the salient features of Class Mammalia., Give short notes on any three subclasses of Mammalia citing examples.
25. Give a brief description of axial skeletal system of frog.
26. Enumerate the salient features of class Aves. Classify up to superorders. Cite examples.

(12 x 2 = 24)