

THIRD SEMESTER B.Sc. DEGREE EXAMINATION, NOVEMBER 2024
(Regular/Improvement/Supplementary)

ZOOLOGY

GZOL3B03T: ANIMAL DIVERSITY: CHORDATA PART - I

Time: 2 Hours

Maximum Marks: 60

SECTION A: Answer the following questions. Each carries *two* marks.
(Ceiling 20 marks)

1. Comment on the general features of Telostei fishes with examples.
2. Describe the features of Branchiostoma.
3. Write a note on Ammocoetes larva.
4. What are the major characteristics of Ambystoma?
5. List out the salient features of subphylum vertebrata.
6. Mention the arboreal adaptations of Draco.
7. What is GIFT Tilapia? What is its significance?
8. Give a short note on the shell of Chelone.
9. Enlist the general features of Osteichthyes.
10. What is retrogressive metamorphosis?
11. What is Foramen Panniza?
12. Give the genus names of the following organisms. a) Tiger salamander. b) Purple frog.

SECTION B: Answer the following questions. Each carries *five* marks.
(Ceiling 30 marks)

13. Explain the structure of the heart of a frog.
14. Describe the digestive system of Branchiostoma.
15. Write a short note on salient features of Order Chelonia. Give examples.
16. Provide the features of Subphylum Urochordata.
17. Describe neuromast organ of Scoliodon.
18. Write a note on the unique features of Chordata. Differentiate between chordate and non-chordates.
19. Describe the classification of Chondrichthyes in detail with appropriate example from each Subclass.

SECTION C: Answer any *one* question. The question carries *ten* marks.

20. Describe the systematic position of Indian Bullfrog. Add a note on its excretory and reproductive structures.
21. With a suitable diagram, explain the arterial system of Calotes.

(1 x 10 = 20 Marks)