

**THIRD SEMESTER B.Sc. DEGREE EXAMINATION, NOVEMBER 2022****(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. Write notes on Purple frog.
2. Give three basic chordate characteristics.
3. What is urostyle? Sketch and label.
4. What are stem reptiles?
5. Comment on Latimeria
6. What is foramen panizza?
7. Write notes on Stegocephalia.
8. Give short notes on *Sphenodon*.
9. What are neuromast sense organs?
10. Comment on the biological significance of Axolotl larva.
11. Explain retrogressive metamorphosis in urochordates.
12. Comment on star tortoise.

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

13. Give an account on the digestive system of *Scoliodon*.
14. Write the characteristics of order anura and give adaptative feature of *Rhacophorus*.
15. What are Ostracoderms? Briefly explain their status in classification.
16. Give a brief account on poisonous snakes of Kerala.
17. Comment on the affinities of urochordates with cephalochordates and vertebrates.
18. Explain the respiratory system of Indian Bullfrog.
19. Comment on the evolutionary significance of *Amphioxus*.

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

20. Give an account on the circulatory system of Calotes.
21. Explain general characters of super class pisces up to orders with examples.

**(1 × 10 = 10 Marks)**