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Name.....

Reg. No.....

**THIRD SEMESTER (CBCSS—UG) DEGREE EXAMINATION
NOVEMBER 2025**

Zoology

ZOL 3B 03T—ANIMAL DIVERSITY : CHORDATA—Part I

(2020—2023 Admissions)

Time : Two Hours

Maximum : 60 Marks

Section A

I. Short Answer Questions. Each question carries 2 marks :

- 1 Give short note on salient features of Urochordates.
- 2 Write a short note on metamorphosis of ascidian tadpole.
- 3 What is Paedogenesis ?
- 4 Write the vertebrate features of Branchiostoma.
- 5 Comment on Petromyzon.
- 6 Write a note on Latimeria.
- 7 Name any two fishes belongs to the superorder Teleostei.
- 8 Write the economic significance of *Sahyadria denisonii*.
- 9 Give a short note on sexual dimorphism in frog.
- 10 What are Apoda amphibian?give one example.
- 11 Explain Jacobson's organ.
- 12 Write scientific names and common names of any two non-poisonous snakes of Kerala.

(Ceiling : 20 marks)

Section B

II. Paragraph Questions. Each question carries 5 marks

- 13 Discuss the affinities of Urochordates with other animal group.
- 14 With the help of a labeled diagram explain the digestive system of Amphioxus.

Turn over

- 15 Explain sense organs in *Mugil cephalus*.
- 16 Distinguish between Agnatha and Gnathostomata.
- 17 Write a paragraph on sub-terranean fishes from Kerala.
- 18 Explain the features of *Ambystoma*.
- 19 Write the identification features of poisonous snakes.

(Ceiling : 30 marks)

Section C

III. Essay questions. Answer any *one* question :

- 20 Write the salient features of class Reptilia and classify down to order, giving specific features and examples.
- 21 Describe the circulatory system of Indian bull frog.

(1 × 10 = 10 marks)