

22U311

(Pages: 2)

Name:

Reg.No:

THIRD SEMESTER B.Sc. DEGREE EXAMINATION, NOVEMBER 2023

(CBCSS - UG)

(Regular/Supplementary/Improvement)

CC19U ZOL3 B03 - ANIMAL DIVERSITY - CHORDATA - I

(Zoology - Core Course)

(2019 Admission onwards)

Time : 2.00 Hours

Maximum : 60 Marks

Credit : 3

Part A (Short answer questions)

Answer *all* questions. Each question carries 2 marks.

1. Give four fundamental characteristics of chordates.
2. What is ciliary mode of feeding?
3. Comment on the importance of Ammocoetes larva.
4. Give four aquatic adaptation of fish.
5. Give a brief account of superorder Holostei, give an example.
6. Distinguish between cycloid and ctenoid scale.
7. Give a short account of Amblystoma.
8. How is the hind- limb of frog adapted for both terrestrial and aquatic locomotion?
9. Sketch and label a typical vertebrae of frog.
10. Mention about the diversity of bush frog.
11. Give the salient features of the subclass Synapsida with example.
12. Write notes on cloaca in Calotes.

(Ceiling: 20 Marks)

Part B (Short essay questions - Paragraph)

Answer *all* questions. Each question carries 5 marks.

13. Write a note on Digestive system of Amphioxus.
14. Describe the arterial system of Grey - Mullet.
15. Give an account of urino - genital system of Grey- Mullet.
16. Give an account of arterial system of frog.

17. Give a short account of tadpole larva of frog.
18. Compare the features of Alligators, Crocodiles and Gavials.
19. Give an account on the brain of Calotes.

(Ceiling: 30 Marks)

Part C (Essay questions)

Answer any *one* question. The question carries 10 marks.

20. With the help of suitable diagrams describe the structure of Ascidia and the Ascidian tadpole.
21. Write an essay on the common poisonous and non-poisonous snakes of Kerala.

(1 × 10 = 10 Marks)
