

20U310

(Pages: 2)

Name:

Reg.No:

THIRD SEMESTER B.Sc. DEGREE EXAMINATION, NOVEMBER 2021

(CBCSS - UG)

(Regular/Supplementary/Improvement)

CC19U ZOL3 B03 - ANIMAL DIVERSITY - CHORDATA -1

(Zoology - Core Course)

(2020 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 Atrium?
3. Give the distinguishing characters of Cyclostomata.
4. Give four aquatic adaptation of fish.
5. What is the evolutionary importance of Latimeria.
6. Distinguish between cycloid and ctenoid scale.
7. Give the ecological adaptations of Rhacophorus.
8. Sketh and label the urostyle of frog.
9. What is monocular vision?
10. Mention the diversity of Purple frog in Western Ghats.
11. Write short notes on Daboia.
12. What is sinus venosus?

(Ceiling: 20 Marks)

Part B (Short essay questions - Paragraph)

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

13. Explain the affinities and systematic position of Amphioxus.
14. Explain the mechanism of respiration in Grey- Mullet.
15. Give an account of urino - genital system of Grey- Mullet.
16. Describe the external characters of frog.
17. Explain the mechanism of respiration in frog.
18. Explain the affinities of Sphenodon.
19. Write a short note on respiratory system in 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 the salient features of Reptilia and classify upto subclasses giving specific features and examples.

(1 × 10 = 10 Marks)
