

23U311

(Pages: 2)

Name:

Reg.No:

THIRD SEMESTER B.Sc. DEGREE EXAMINATION, NOVEMBER 2024

(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. Mention four salient features of Ascidia.
2. What is neoteny?
3. What is wheel organ? Mention its function.
4. Mention four salient features of Agnatha.
5. Write the salient features of class Chondrichthyes.
6. Write notes on Lepidosiren.
7. Give a short account of axolotl larva?
8. What is portal vein? Give its significance?
9. Mention the diversity of Purple frog in Western Ghats.
10. Write short notes on Chelone mydas.
11. Comment on the evolutionary significance of Sphenodon.
12. Sketch and label the head scales of a snake.

(Ceiling: 20 Marks)

Part B (Short essay questions - Paragraph)

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

13. Comment on the salient features of subphylum vertebrata.
14. Give an account of morphology of Grey Mullet.
15. Give an account of afferent and efferent branchial arteries of Grey- Mullet.
16. Give a labeled diagram of the integument of frog.
17. Give a detailed account on the hyoid apparatus and lower jaw of frog.

18. Write a short note on respiratory system in Calotes.
19. Write an account on male reproductive system in Calotes.

(Ceiling: 30 Marks)

Part C (Essay questions)

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

20. Give an account of digestive system of Grey- Mullet.
21. Give an account of reproductive system of Grey Mullet.

(1 × 10 = 10 Marks)
