

23U407

(Pages: 2)

Name :

Reg. No :

FOURTH SEMESTER B.Sc. DEGREE EXAMINATION, APRIL 2025

(CBCSS-UG)

(Regular/Supplementary/Improvement)

CC19U ZOL4 B04 - ANIMAL DIVERSITY - CHORDATA PART - II

(Zoology - Core Course)

(2019 Admission onwards)

Time: 2 Hours

Maximum: 60 Marks

Credit: 3

Part A (Short answer questions)

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

1. Which order the following birds belongs to (a) duck (b) flamingo?
2. What is pecten? What is its function?
3. What are filoplumes?
4. What is synsacrum?
5. Explain the role of hepatic portal system in Pigeon.
6. Illustrate the structure of a typical vertebra in *Oryctolagus cuniculus*.
7. Give a brief note on Didelphis.
8. Give brief account of order Edentata.
9. Give a brief description of Order Erinaceomorpha
10. Give brief account of two bovine animals you have studied.
11. How can you differentiate Dugong and Manatee?
12. Draw a neat labelled diagram of Rabbit eye ball VS.

(Ceiling: 20 Marks)

Part B (Short essay questions - Paragraph)

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

13. Explain the evolutionary importance of Archaeopteryx.
14. Briefly classify the super order Palaeognathae upto orders specifying salient features.
15. Comment on the rediscovery of Jerdon's Courser and forest owlet.
16. Comment on the female genital organs in Columba.
17. Write a short note on the respiratory system of Rabbit.

18. With the help of a diagram explain the arterial system of *Oryctolagus cuniculus*.
19. Compare the excretory systems of *Oryctolagus* and *Columba*.

(Ceiling: 30 Marks)

Part C (Essay questions)

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

20. Write an essay on the digestive system of *Columba livia*.
21. Explain the integumentary system and its derivatives of *Oryctolagus cuniculus*.

(1 × 10 = 10 Marks)
