

19U407

(Pages: 2)

Name:

Reg.No:

FOURTH SEMESTER B.Sc. DEGREE EXAMINATION, APRIL 2021

(CBCSS - UG)

CC19U ZOL4 B04 - ANIMAL DIVERSITY - CHORDATA - II

(Zoology - Core Course)

(2019 Admission - Regular)

Time : 2.00 Hours

Maximum : 60 Marks

Credit : 3

Part A (Short answer questions)

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

1. Enumerate any four adaptations of Ostrich.
2. What are the adaptations of Piciformes? Give an example.
3. Write the scientific name of (a) Dodo (b) Passenger pigeon
4. What are the peculiar features in the eye of Pigeon.
5. What is quill feather? Name a quill feather found in *Columba livia*.
6. What is chyme?
7. Illustrate an epidermal derivative of *Oryctolagus cuniculus*.
8. Illustrate the structure of a typical vertebra in *Oryctolagus cuniculus*.
9. Write an account on the salient features of Eutherian mammals.
10. Compare *Lepus* with *Oryctolagus*
11. Explain the adaptive features of chiroptera.
12. Draw a neat labelled diagram of Rabbit eye ball VS.

(Ceiling: 20 Marks)

Part B (Short essay questions - Paragraph)

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

13. Give an account on the salient features of class Aves.
14. Comment on the female genital organs in *Columba*.
15. Illustrate the arterial system of *Columba livia*.
16. Write a short note on the respiratory system of Rabbit.
17. Give a brief description of Ungulates.
18. How can you differentiate Dugong and Manatee? Give brief biology of these these animals.
19. Compare the excretory systems of *Oryctolagus* and *Columba*

(Ceiling: 30 Marks)

Part C (Essay questions)

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

20. Describe the pelvic and pectoral girdle of a bird with the help of a diagram.
21. Write an essay on the arterial and venous system of Rabbit.

(1 × 10 = 10 Marks)
