

TB213530V

Reg. No : .....

Name : .....

**B. Sc. DEGREE (C.B.C.S) EXAMINATION, NOVEMBER 2022**

(2021 Admissions Regular, 2020 Admissions Supplementary/Improvement, 2019 & 2018 Admissions Supplementary)

**SEMESTER III - CORE COURSE (ZOOLOGY )**

**ZY3B03B18 - ANIMAL DIVERSITY - CHORDATA**

**Time : 3 Hours**

**Maximum Marks : 60**

**Part A**

**I. Answer any Ten questions. Each question carries 1 mark**

**(10x1=10)**

1. Name two pelagic tunicates.
2. Latimeria is called a living fossil. Justify the statement.
3. Define Iter.
4. Write the function of the keel.
5. Write the scientific names of two poisonous snakes.
6. Describe Synsacrum.
7. Assign the following to the respective orders. a.) Amblystoma b) Hyla c) Ichthyophis d) Euphlyctis.
8. Write the scientific name of rabbit.
9. List two unique characters of the Order Proboscidea.
10. Write two examples for Subclass Prototheria.
11. Write two examples for Order Cetacea.
12. What is diastema?

**Part B**

**II. Answer any Six questions. Each question carries 5 marks**

**(6x5=30)**

13. Mention the peculiarities of Appendicularia.
14. List the salient features of Ostrcodermi.
15. Explain the salient features of Chelonia. Cite an example
16. Describe the structure and working of the heart of frog.
17. Write down the characteristics of the Aves.
18. Describe the skull of Rabbit.
19. Explain the respiratory system in Rabbit.
20. Describe venous system of Rabbit.
21. With the help of a labelled diagram, explain the typical vertebra of Rabbit.

**Part C**

**III. Answer any Two questions. Each question carries 10 marks**

**(2x10=20)**

22. Write an essay on Cyclostomata with reference to Petromyzon.
23. Write down the key used for identifying poisonous & non-poisonous snakes.
24. Illustrate the arterial system of the frog.
25. Write an essay on dentition in mammals.