

TB243605X

Reg. No : .....

Name : .....

BACHELOR'S DEGREE (C.B.C.S) EXAMINATION, NOVEMBER 2024  
2018, 2019, 2020, 2021, 2022 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. What are the functions of Oikopleuran house?
2. Define heterocercal caudal fin.
3. Describe buccal adaptations in frogs for efficient prey capture.
4. Define the bicondylic skull.
5. Describe Synsacrum.
6. Name the flight muscles of birds.
7. The Mesozoic era is referred to as the "Golden Age of Reptiles." Justify the statement.
8. What is diastema?
9. Name the first two cervical vertebra in Rabbit.
10. Cite two examples for Subclass Metatheria.
11. Name two occipital bones in the skull of Rabbit.
12. Cite two examples for primates.



**Part B**

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

**(6x5=30)**

13. Summarise the outline classification of Chordata.
14. Enumerate the distinctive characters of the class Osteichthyes.
15. Explain pectoral girdle of Frog with the help of a diagram.
16. Write down the characteristics of the Aves.
17. Distinguish between the renal portal system and the hepatic portal system of the frog.
18. Describe venous system of Rabbit.
19. Explain the theories of origin of molars in mammals.
20. Describe the process of fertilization and early development in Rabbit.
21. Briefly explain the structure of brain in Rabbit.

**Part C**

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

**(2x10=20)**

22. Give an account of accessory respiratory organs in fishes.
23. Write an essay on bird migration.
24. Write down the key used for identifying poisonous & non-poisonous snakes.
25. Explain the salient features of Class Mammalia, classify up to subclasses.