23104265

QP CODE: 23104265

Reg No : .....

Name : .....

B.Sc DEGREE (CBCS) REGULAR / IMPROVEMENT / REAPPEARANCE EXAMINATIONS, JANUARY 2023

Third Semester

Core Course - ZY3CRT03 - ANIMAL DIVERSITY - CHORDATA

(Common to B.Sc Zoology Model I, B.Sc Zoology Model II Aquaculture, B.Sc Zoology Model II Food Microbiology, B.Sc Zoology Model II Medical Microbiology)

2017 Admission Onwards

D77B50BB

Time: 3 Hours Max. Marks : 60

core

Part A

*Answer any **ten** questions.*

*Each question carries **1** mark.*

1. Which are the main theories associated with origin of chordates?
2. Comment on tail shift in larvacea.
3. Comment on Tadpole larvae.
4. What are Trophozooids?
5. what are Myotomes?
6. What is Ichthyology?
7. What is anadromous migration?
8. Name the respiratory organs in adult Amphibians.
9. Mention the order to which Sphenodon belongs.
10. Name any two flightless Birds.
11. What is gynaecomastia?
12. What is dental formula?

(10×1=10)

Part B

*Answer any **six** questions.*

*Each question carries **5** marks.*

13. What are the characteristic features of Urohordata?
14. Comment on the features of Chimaera.
15. Comment on Buccopharyngeal and cutaneous respiration in fishes.
16. Explain the different kinds of scales in fishes.
17. Sketch and label Pectoral girdle of Frog.
18. Describe the types of migration in Birds.
19. With suitable illustration, explain the photoreceptors in Rabbit.
20. Give an account on pouched mammals.
21. Differentiate between Perissodactyla and Artiodactyla.

(6×5=30)

Part C

*Answer any **two** questions.*

*Each question carries **10** marks.*

22. Write an essay on the general charecteristics of super class Pisces.
23. Illustrate the key for the identification of poisonous and nonpoisonous snakes.
24. Outline the classification of Class Mammalia.
25. Write an essay on aquatic adaptations in mammals.

(2×10=20)