QP CODE: 21100535

21100535

Reg No : .....

Name : .....

B.Sc DEGREE (CBCS)EXAMINATION, MARCH 2021

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

9D2128E6

Time: 3 Hours Max. Marks : 60

Part A

*Answer any **ten** questions.*

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

1. What are Protochordates?
2. Comment on Larvacea.
3. Comment on Retrogressive metamorphosis.
4. Comment on Thaliacea.
5. What are Myotomes?
6. Comment on Narcine.
7. Comment on a nest building holostei fish.
8. Name the classes under superclass Tetrapoda.
9. List any two adaptations of Hyla.
10. Write any 2 mammalian characters of crocodilia.
11. What is gynaecomastia?
12. What is meant by diphyodont dentition?

(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 Crossopterygii with suitable example.

15. Comment on Dipnoi and give an example.

16. Mention the common accessory respiratory organs in fishes.

17. Trace the development in Frog.

18. Comment on the evolutionary significance of Archaeopteryx.

19. Comment on the sternum 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 salient features and classification of Agnatha.

23. Illustrate the key for the identification of poisonous and non poisonous snakes.

24. Outline the classification of Class Mammalia.

25. Write an essay on aquatic adaptations in mammals.

(2×10=20)