QP CODE: 24027162

24027162

Reg No : .....

Name : .....

B.Sc DEGREE (CBCS) REGULAR / IMPROVEMENT / REAPPEARANCE EXAMINATIONS, OCTOBER 2024

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

C378ABC8

Time: 3 Hours Max. Marks : 60

Part A

*Answer any **ten** questions.*

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

1. Comment on Class Myxini.
2. Comment on Larvacea.
3. Comment on Ascidiacea.
4. What are Trophozooids?
5. Comment on Hatscheks pit in Ambhioxus.
6. Name the fish which is called as the living fossil.
7. Comment on Ctenoid Scales.
8. Name the classes under superclass Tetrapoda.
9. Name the larvae of Amblystoma.
10. Name the subclasses under class reptilia.
11. What are chordae tendinae?
12. Define carnassial teeth.

(10×1=10)

Part B

*Answer any **six** questions.*

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

13. What are the characteristic features of Urohordata?

14. With the help of diagram explain Ammocoetes larva.

15. Comment on Dipnoi and give an example.

16. Mention the common accessory respiratory organs in fishes.

17. Compare Paleognathae and Neognathae.

18. Mention the modifications of the endoskeleton of Birds for flight.

19. justify the statement "Prototherians are unfinished mammals".

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 Parental care in fishes.

23. Give a detailed account on the respiratory organs and mechanism of respiration in Frog.

24. Outline the classification of Class Mammalia.

25. Write an essay on aquatic adaptations in mammals.

(2×10=20)