QP CODE: 19102095

19102095

Reg No : .....

Name : .....

B.Sc. DEGREE (CBCS) EXAMINATION, OCTOBER 2019

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

F78B9D80

Maximum Marks: 60 Time: 3 Hours

Part A

Answer any ten questions.

Each question carries 1 mark.

1. What is meant by Notochord?
2. Comment on Larvacea.
3. What are Tunicates?
4. Which are the larval stages of Doliolum?
5. What are Myotomes?
6. What is Ichthyology?
7. Define catadromous migration.
8. Name the classes under superclass Tetrapoda.
9. Name the larvae of Amblystoma.
10. Which era is considered as golden age of Reptiles and Why?
11. What is pubic symphysis?
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 Buccopharyngeal and cutaneous respiration in fishes.

16. Explain the different kinds of scales in fishes.

17. With the help of a diagram, explain the structure of brain in Frog.

18. Comment on the cryptic adaptations of Struthio.

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 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)