QP CODE: 18103395

18103395

Reg No : .....

Name : .....

B.Sc. DEGREE (CBCS) EXAMINATION, NOVEMBER 2018

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

7FB9929D

Maximum Marks: 60 **Time: 3 Hours**

Part A

Answer any **ten** questions.

Each question carries **1** mark.

1. What are Chondrichthyes?
2. Comment on tail shift in larvacea.
3. What is Tunic?
4. What are Trophozooids?
5. Comment on Hatscheks pit in Ambhioxus.
6. Comment on Narcine.
7. Comment on climbing perch.
8. Name the classes under superclass Tetrapoda.
9. Assign the following to the respective orders a) Hyla b) Amblystoma.
10. Give the scientific name of common frog.
11. What are perineal glands?
12. What are baleen plates?

(10×1=10)

Part B

Answer any **six** questions.

Each question carries **5** marks.

13. What are the characteristic features of Urohordata?
14. Mention the salient features of Ostracoderms and give an example.
15. Mention the salient features of Holocephali.

16. Explain the different kinds of scales in fishes.

17. Write notes on a) Synsacrum b) Pygostyle

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 the migration in fishes.

23. Describe the salient features of class Reptilia and classify upto subclass giving suitable examples.

24. Outline the classification of Class Mammalia.

25. Write an essay on dentition in mammals.

(2×10=20)