

Reg. No

Name

B. Sc DEGREE END SEMESTER EXAMINATION - MARCH 2020
SEMESTER 2 : ZOOLOGY (COMPLEMENTARY FOR B. SC BOTANY)
COURSE : 19U2CPZOO02 : ANIMAL DIVERSITY CHORDATA
(For Regular - 2019 Admission)

Time : Three Hours

Max. Marks: 60

Section A

Answer All the Following (1 marks each)

1. Why is latimeria called a living fossil?
2. Comment on urostyle
3. What is glenoid cavity?
4. What is meninges?
5. Hatchek's pit.
6. Write the scientific names of two poisonous snakes
7. What is pecten?
8. Comment on Sudoriferous glands.

(1 x 8 = 8)

Section B

Answer any 6 (2 marks each)

9. Write note on Narcine.
10. Distinguish between procoelus and amphicoelus vertebrae.
11. Name two cartilage bones and two membrane bones of skull.
12. Explain male reproductive system of frog.
13. What is retrogressive metamorphosis?
14. List out the diagnostic features of Urochordata.
15. Distinguish between temporal fossa and temporal arcade.
16. Write scientific names of any two primates.

(2 x 6 = 12)

Section C

Answer any 4 (4 marks each)

17. List the salient features of Osteichthyes.
18. Explain the mechanism of breathing in frog.
19. Describe nervous system of frog.
20. Give an account on the classification of Chordata.
21. Write down the key used to identify poisonous snakes from non poisonous snakes.
22. Differentiate between Paleognathae and Neognathae.

(4 x 4 = 16)

Section D**Answer any 2 (12 marks each)**

23. Give an account on accessory respiratory organs in fishes.
24. Explain the structure of heart and arterial system of frog.
25. Write an essay on Cephalochordata with reference to Amphioxus.
26. Write an essay on the aquatic adaptations in mammals, with suitable examples

(12 x 2 = 24)