

B.Sc.Part-III
Paper-I Structure and Functions of Chordate Types

A. Short answer type questions

1. Acorn worms belongs to which class?
2. Write short note on Endostyle.
3. What are Tunicates?
4. Write short note on Digestive glands
5. What are Hatscheck's nephridia?
6. Give the name of poisonous lizard.
7. Draw well labelled diagram of Poison apparatus.
8. Rhabdopleura belongs to which class.
9. Write briefly about external features of *Herdmania*.
10. Write short notes on stomach of ruminants.
11. Explain "Hollow girdle principle".
12. Give examples of male parental care in fishes.
13. Write name of any two potamodromous fish.
14. Name of any two poisonous snakes found in India
15. Distinguish between Acraniata and Craniata.

B. Long answer type questions

1. Give an account of flight adaptations in birds.
2. Describe adaptive radiation in mammals.
3. Classify Urochordata giving characters and examples of each order.
4. Give the main characteristics of phylum Chordata.
5. Discuss the affinities of Cephalochordates.
6. Give an account of different modes of respiration in frog.
7. Explain the alimentary canal and associated glands in *Labeo*.
8. Describe the male and female urino-genital organs of rat.
9. Write an essay on parental care in Amphibians.
10. Define migration and explain Diadromous, Potamodromous and Oceanodromous fish.