

SET 1

Unique Paper Code : 32231301_OC
Name of the Paper : Diversity of Chordates
Name of the Course : B.Sc. (H) Zoology Examination, 2020-CBCS
Semester : III, CBCS
Duration : 3 Hours
Maximum Marks : 75 Marks

Attempt ANY FOUR questions. All questions carry equal marks.

Questions:

1. How birds navigate during migration? Explain flight adaptations in birds. (18.75)
2. Give an account on general affinities of Prototheria. How the limb structure in mammals provides an evidence of divergent evolution? (18.75)
3. Write an essay on classification of Reptilia up to order. Discuss how bones of skulls operate in the biting mechanism in snakes? (18.75)
4. Discuss the need and methods of Parental care in Amphibians. (18.75)
5. Differentiate between Chondrichthyes and Osteichthyes. Discuss the need and types of migration in fishes. (18.75)
6. Differentiate between Tornaria and Tadpole larva. Why a progressive, active and alert larva metamorphoses into a retrograde and sedentary adult in *Herdmania*? (18.75)