

Mode of Examination : Online

Name of Course : B.Sc.(P) Life Sciences Exam - 2021- LOCF

Semester : Semester- I

Name of the Paper : Animal Diversity

Unique Paper Code : 42231102

Duration : 3 Hours

Maximum Marks : 75

Instructions for Candidates:

Write your Roll No, Name of the paper, course, semester and date of examination on the first page of the answer sheet.

Attempt two questions from Section A and Two questions from Section B. Total questions to be attempted are **FOUR**. All questions carry equal marks. Illustrate your answers with diagrams wherever necessary.

SECTION - A

- Q. 1 Define Canal system. Give an account of the Canal system in *Sycon* specifying Its physiological significance.
- Q. 2 Describe the life history of *Taenia solium* and elaborate its adaptations to parasitic mode of life.
- Q.3 Discuss in detail the general features of Protista and explain different ways of locomotion in Protozoa.

SECTION - B

- Q. 4 Explain the biting mechanism in snakes with the help of suitable diagrams and discuss the key to identify poisonous and nonpoisonous snakes.
- Q. 5 Give the salient features of Pisces and the mechanism of osmoregulation in freshwater and marine fishes.
- Q.6 How birds have adapted for aerial mode of life and add a note on bird migration.