

B.Sc. Semester - 3 (NEP-2020) Examination

OCT/NOV-2024

ZOO: Chordates -2, Histology, Physiology and Ecology (Major-6)

Time: 2:00 Hours

Marks: 50

Instructions:

1. All questions are compulsory.
2. Figures to the right indicate marks.

Que-1 Answer the Following Questions. (10)

- 1) Give a general account on sphenodon.
- 2) Describe Parental care in fishes.

OR

Que-1 Answer the Followings Questions. (10)

- 1) Describe aquatic mammals in detail.
- 2) Describe type of beaks in Aves.

Que-2 Answer the Followings Questions. (10)

- 1) Describe digestive system of Calotes.
- 2) Give the difference between venomous and non venomous snakes.

OR

Que-2 Answer the Followings Questions. (10)

- 1) Describe male urinogenital system of calotes.
- 2) Describe any two venomous and any two non venomous snakes.

Que-3 Answer the Followings Questions. (10)

- 1) Describe any five types of microtomes with their application.
- 2) Write a note on double staining technique.

OR

Que-3 Answer the Followings Questions. (10)

- 1) Describe different type of fixatives.
- 2) Describe histological structure and function of mammalian tongue.

Que-4 Answer the Followings Questions. (10)

- 1) Describe structure of heart.
- 2) Describe types of blood pressure and its abnormalities.

OR

Que-4 Answer the Followings Questions. (10)

- 1) Describe Ecological pyramid.
- 2) Describe energy flow in ecosystem.

Que-5 Answer the Followings Questions. (10)

- 1) Describe parental care in Amphibia.
- 2) Describe brain of calotes.

OR

Que-5 Answer the Followings Questions. (10)

- 1) Describe histological structure and function of mammalian eye.
- 2) Write note on double circulation in Heart.
