

B.Sc. Semester - 1 (NEP-2020) Examination**OCT/NOV-2025****ZOO: Non-Chordates -1 and Wildlife (Minor)****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 the classification of phylum protozoa up to class.
2. Describe Reproduction in Amoeba.

OR

Que.1 ANSWER THE FOLLOWING QUESTIONS.

1. Describe Nutrition in Amoeba.
2. Describe Locomotion in Amoeba.

Que.2 2ANSWER THE FOLLOWING QUESTIONS. (10)

1. Give the classification of phylum Porifera.
2. Describe Ascon type of canal system in Porifera.

OR

Que.2 ANSWER THE FOLLOWING QUESTIONS.

1. Describe Spicules in Porifera.
2. Describe Sycon type of canal system in Porifera.

Que.3 ANSWER THE FOLLOWING QUESTIONS. (10)

1. Describe phenomenon of polymorphism in Cnidaria.
2. Describe histology of polyp hydranth.

OR

Que.3 ANSWER THE FOLLOWING QUESTIONS.

1. Give the classification of Cnidaria up to class.
2. Describe morphology of Obelia Medusa.

Que.4 ANSWER THE FOLLOWING QUESTIONS. (10)

1. Describe Marine National Park.
2. Describe Nal sarovar bird Sanctuary.

OR

Que.4 ANSWER THE FOLLOWING QUESTIONS.

1. Give the difference between National Park and Sanctuary.
2. Describe Kutch desert wildlife Sanctuary.

Que.5 ANSWER THE FOLLOWING QUESTIONS. (10)

1. Describe behaviour in Amoeba.
2. Describe Leucon type of canal system.

OR

Que.5 ANSWER THE FOLLOWING QUESTIONS.

1. Describe sexual reproduction in Obelia.
2. Describe Gir National Park.
