

B.Sc. Semester – 1 (NEP-2020) Examination**January-2024****Non-Chordates -1 and wildlife (Major-1)****Time: 2:00 Hours****Marks: 50****Instructions:**

1. All questions are compulsory.
 2. Figures to the right indicate marks.
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Que.1 Answer the following questions. (10)

1. Give the Classification of Phylum Protozoa up to class with suitable examples. (05)
2. Describe Sol-gel and Contraction-hydraulic theory for Locomotion in Amoeba proteus. (05)

OR

Que.1 Answer the following questions. (10)

1. Give the Classification of Phylum Protozoa up to class with suitable examples. (05)
2. Describe Multiple Fission type Reproduction in Amoeba proteus. (05)

Que.2 Answer the following questions. (10)

1. Give the Classification of Phylum Porifera up to class with suitable examples. (05)
2. Describe Ascon and Sycon type canal system in sponges. (05)

OR

Que.2 Answer the following questions. (10)

1. Give the Classification of phylum Porifera up to class with suitable examples. (05)
2. Describe different type of Spicules in Sponges. (05)

Que.3 Answer the following questions. (10)

1. Give the Classification of phylum Cnidaria up to class with suitable examples. (05)
2. Describe Polymorphism in Cnidaria. (05)

OR

Que.3 Answer the following questions. (10)

1. Give the Classification of phylum Cnidaria up to class with suitable examples. (05)
2. Describe Morphology of Medusa in Obelia. (05)

Que.4 Answer the following questions. (10)

1. Describe Gir- National park. (05)
2. Describe Nalsarovar Bird Sanctuary. (05)

OR

Que.4 Answer the following questions. (10)

1. Describe Marine National park. (05)
2. Describe Kutch desert Wildlife Sanctuary. (05)

Que.5 Answer the following questions. (10)

1. Describe Endoplasmic Organelles Located in Structure of Amoeba proteus. (05)
2. Describe Leucon and Rhagon type of Canal system in sponges. (05)

OR

Que.5 Answer the following questions. (10)

1. Describe Morphology of Hydroid colony in Obelia. (05)
2. Describe Khijadia Bird Sanctuary. (05)
