

B.Sc. Semester - 1 (NEP-2020) Examination

OCT/NOV-2024

ZOO: Non-Chordates-I 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) Write general characters and classification of phylum Protozoa up to class with examples.
2) Describe: Locomotion of *Amoeba proteus*.
OR
- Que-1 Answer the Followings Questions. (10)**
1) Describe the structure of *Amoeba proteus*.
2) Describe: Nutrition in *Amoeba proteus*.
- Que-2 Answer the Followings Questions. (10)**
1) Write general characters and classification of phylum Porifera up to class with examples.
2) Describe Asconoid type of canal system in sponge.
OR
- Que-2 Answer the Followings Questions. (10)**
1) Give detailed account of spicules in sponge.
2) Describe Leuconoid type of canal system in sponge.
- Que-3 Answer the Followings Questions. (10)**
1) Write general characters and classification of phylum Cnidaria up to class with examples.
2) Describe hydroid colony of Obelia.
OR
- Que-3 Answer the Followings Questions. (10)**
1) Describe polymorphism in Cnidaria.
2) Write note on medusa stage of Obelia.
- Que-4 Answer the Followings Questions. (10)**
1) Write differences between National Parks & Sanctuaries.
2) Write note on Gir Forest National Park.
OR
- Que-4 Answer the Followings Questions. (10)**
1) Write note on Kutch desert wildlife sanctuary.
2) Write note on Nalsarovar bird sanctuary.
- Que-5 Answer the Followings Questions. (10)**
1) Describe reproduction in *Amoeba proteus*.
2) Describe Syconoid type of canal system in sponge.
OR
- Que-5 Answer the Followings Questions. (10)**
1) Describe alternation of generation and metagenesis in Obelia.
2) Write note on Marine National Park - Gulf of Kutch.
