

B.Sc. Semester - 2 (NEP-2020) Examination**JUNE – 2024****ZOO: Chordates -1, Evolution and Developmental Biology (Minor-2)****Time: 2:00 Hours****Marks: 50****Instructions:**

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

Que:1 Answer the following question (10)

- (1) Give the Difference between Chondrichthyes and Osteichthyes.
- (2) Describe Migration in Fishes.

OR

Que:1 Answer the following question (10)

- (1) Give the Classification of Super Class Pisces up to Class with Suitable Examples.
- (2) Describe Different Type of Scales in Fishes.

Que:2 Answer the following question (10)

- (1) Give General Characters of Class Reptiles with Any two Examples.
- (2) Describe Ratitae in Detail.

OR

Que:2 Answer the following question (10)

- (1) Give General Characters of Class Aves with Any two Examples.
- (2) Give the Affinity of Platypus as connecting link between Reptiles and Mammals.

Que:3 Answer the following question (10)

- (1) Describe Evolution of Horse.
- (2) Describe Darwinism in Detail.

OR

Que:3 Answer the following question (10)

- (1) Describe Origin and Evolution of Man.
- (2) Describe Types of Fossils.

Que:4 Answer the following question (10)

- (1) Describe Oogenesis in Detail.
- (2) Describe Types of Eggs according to Yolk.

OR

Que:4 Answer the following question (10)

- (1) Describe Spermatogenesis in Detail.
- (2) Describe hormonal regulation in Amphibia during Metamorphosis.

Que:5 Answer the following question (10)

- (1) Give General Characters of Class Cyclostomata with Any two Examples.
- (2) Give General Characters of Class Amphibia with Any two Examples.

OR

Que:5 Answer the following question (10)

- (1) Describe Lamarckism in Detail.
- (2) Describe Types of Cleavage.
