

B.Sc. Semester - 2 (NEP-2020) Examination**JUNE – 2024****ZOO: Chordates -1, Evolution and Developmental Biology (Major-3)****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 Classification of Super Class Pisces up to Class with Suitable Examples.

(2) Describe Different Type of Scales in Fishes.

OR

Que:1 Answer the following question (10)

(1) Give the Difference between Chondrichthyes and Osteichthyes.

(2) Describe Migration in Fishes.

Que:2 Answer the following question (10)

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

(2) Give the Affinity of Platypus as connecting link between Reptiles and Mammals.

OR

Que:2 Answer the following question (10)

(1) Give General Characters of Class Reptiles with Any two Examples.

(2) Describe Archaeopteryx as connecting link between Aves and Mammals.

Que:3 Answer the following question (10)

(1) Describe Origin and Evolution of Man.

(2) Describe Darwinism in Detail.

OR

Que:3 Answer the following question (10)

(1) Describe Evolution of Horse.

(2) Describe Lamarckism in Detail

Que:4 Answer the following question (10)

(1) Describe Types of Eggs according to Yolk.

(2) Describe Spermatogenesis in Detail.

OR

Que:4 Answer the following question (10)

(1) Describe Types of Cleavage.

(2) Describe Oogenesis in Detail

Que:5 Answer the following question (10)

(1) Give the Classification of Sub Phylum Urochordata up to Class with Suitable Examples.

(2) Describe Ratitae in Detail.

OR

Que:5 Answer the following question (10)

(1) Describe Types of Fossils.

(2) Describe hormonal regulation in Amphibia during Metamorphosis.
