

B.Sc. Semester - 2 (NEP-2020) Examination**MARCH/APRIL-2026****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 questions. (10)

- 1) Give the classification of subphylum Urochordata upto class.
- 2) Write a note on Migration in Fishes.

OR

Que. 1 Answer the following questions.

- 1) Give the general characters and classification of super class Pisces up to class.
- 2) Describe Scales in fishes.

Que. 2 Answer the following questions. (10)

- 1) Give general characters of Class Aves with suitable examples.
- 2) Describe Platypus as a connecting link between Aves and Mammals.

OR

Que. 2 Answer the following questions.

- 1) Describe Archaeopteryx as a connecting link between Reptiles and Aves.
- 2) Give the general account of Ratitae.

Que. 3 Answer the following questions. (10)

- 1) Write a note on Lamarckism in detail.
- 2) Describe Evolution of Australopithecus and Homo erectus Man.

OR

Que. 3 Answer the following questions.

- 1) Describe Types of fossils in detail.
- 2) Describe Evolution of Eohippus and Equus.

Que. 4 Answer the following questions. (10)

- 1) Describe types of eggs according to distribution of yolk.
- 2) Give an account of Metamorphosis in Amphibia.

OR

Que. 4 Answer the following questions.

- 1) Describe Meroblastic cleavage in detail.
- 2) Write a note on Spermatogenesis.

Que. 5 Answer the following questions. (10)

- 1) Give the difference between Chondrichthyes and Osteichthyes.
- 2) Give general characters of Class Mammals with suitable examples.

OR

Que. 5 Answer the following questions.

- 1) Write a note on Darwinism in detail.
- 2) Write a note on Oogenesis.
