

B.Sc. Semester - 2 (NEP-2020) Examination**MARCH/APRIL-2025****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.
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- Que-1 ANSWER THE FOLLOWING QUESTIONS. (10)
1. Give the classification of subphylum Urochordata up to class.
 2. Give the difference between Chondrichthyes and Osteichthyes.
- Que-1 ANSWER THE FOLLOWING QUESTIONS.
1. Give the classification of Super class Pisces upto class.
 2. Write a note on Migration in Fishes.
- Que-2 ANSWER THE FOLLOWING QUESTIONS. (10)
1. Give general characters of Class Mammals with suitable examples.
 2. Describe Archaeopteryx as a connecting link between Reptiles and Aves.
- Que-2 ANSWER THE FOLLOWING QUESTIONS.
1. Give general characters of Class Reptiles with suitable examples.
 2. Give the general account of Ratitae.
- Que-3 ANSWER THE FOLLOWING QUESTIONS. (10)
1. Write a note on Lamarckism in detail.
 2. Describe Types of fossils in detail.
- Que-3 ANSWER THE FOLLOWING QUESTIONS.
1. Write a note on Darwinism in detail.
 2. Describe Evolution of Man.
- Que-4 ANSWER THE FOLLOWING QUESTIONS. (10)
1. Write a note on Spermatogenesis.
 2. Give a detailed account of Metamorphosis in Amphibia.
- Que-4 ANSWER THE FOLLOWING QUESTIONS.
1. Describe types of egg based on distribution of yolk.
 2. Write a note on Oogenesis.
- Que-5 ANSWER THE FOLLOWING QUESTIONS. (10)
1. Describe scales in fishes.
 2. Describe Platypus as a connecting link between Aves and Mammals.
- Que-5 ANSWER THE FOLLOWING QUESTIONS.
1. Describe Evolution of Horse.
 2. Describe Holoblastic cleavage in detail.
