

B.Sc. Semester - 4 (CBCS) Examination
March/April-2026 [NEW COURSE]
Zoology-Z401(Core)

Time: 2:30 Hours**Marks: 70****Instructions:**

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

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- Que.1(A) Answer the following question (write any two out of three) (10)
1. Give the classification of super class Pisces up to class.
 2. Write Characters of class Mammals.
 3. Describe: General account of Ratite.
- Que.1(B) Answer the following question (write any one out of two) (04)
1. Describe Archaeopteryx as a connecting link between Reptiles and Aves.
 2. Platypus as connecting link between Aves & Mammals.
- Que.2(A) Answer the following question (write any two out of three) (10)
1. Describe digestive system of Calotes.
 2. Describe male urogenital system of Calotes.
 3. Write differences between venomous & non-venomous snakes.
- Que.2(B) Answer the following question (write any one out of two) (04)
1. Write note on Migration fishes.
 2. Write note on: 1. Python 2. Sand Boa.
- Que.3(A) Answer the following question (write any two out of three) (10)
1. Describe types of eggs according to Distribution of yolk.
 2. Describe : Structure of Nephron
 3. Describe hormones of Ovary & Testis.
- Que.3(B) Answer the following question (write any one out of two) (04)
1. Write note on Formation of Urine.
 2. Write note on: Menopause.
- Que.4(A) Answer the following question (write any two out of three) (10)
1. Describe types of chromosome according to centromere.
 2. Describe Structure of Chromosome
 3. Describe cytoplasmic Inheritance in Kappa Particles in Paramecium.
- Que.4(B) Answer the following question (write any one out of two) (04)
1. Write note on DNA finger printing.
 2. Write note on: Sickle-Cell anaemia
- Que.5(A) Answer the following question (write any two out of three) (10)
1. Describe Isolation as an evolutionary process.
 2. Describe aortic arch in aves and mammals.
 3. Write note on Pomfret fishery.
- Que.5(B) Answer the following question (write any one out of two) (04)
1. Write note on Homologous and Analogous Organs.
 2. Write note on: Evolution of Man
