

Total No. of Questions - 15]

[Total No. of Marks - 80]

B.Sc. II - Semester Examination

CBS-IIs/4(P)

24849

ZOOLOGY

Course No. : UZOTC-201

Time Allowed- 2½ Hours

Maximum Marks-80

Section-I: Attempt all five questions. Each question carries 3 marks and the answer should be in 70-80 words.

Section-II: Attempt all five questions. Each question carries 7 marks and the answer should be in 250-300 words.

(5×7=35)

Section-III: Attempt any two questions. Each question carries 15 marks and the answer should be in 500-600 words.

(2×15=30)

SECTION-I

1. Write a short note on types of horns in mammals.
2. Enlist the advantages of closed circulation.
3. Gills as Respiratory organs.

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4. Discuss Thermo receptors.
5. Types of fertilization.

SECTION-II

1. Give a brief account on skin glands in mammals.
2. Air sacs in Vertebrates.
3. Explain aortic arches in vertebrates.
4. Draw and explain the structure of brain of *Scoliodon*.
5. Explain the extraembryonic membranes of chick.

SECTION-III

1. Discuss Jaw Suspension in vertebrates.
2. Give a comparative account of small intestine in Vertebrates.
3. Give an account on evolution of urinogenital ducts in vertebrates. <https://www.jktopper.com>
4. What are photoreceptors? Discuss it with reference to mammals.
5. What is gametogenesis? Discuss the process of spermatogenesis in mammals.