



বিদ্যাসাগর বিশ্ববিদ্যালয়
VIDYASAGAR UNIVERSITY

Question Paper

B.Sc. Honours Examinations 2020

(Under CBCS Pattern)

Semester - III

Subject: ZOOLOGY

Paper: C5T & C5P

(Chordates)

Full Marks : 60

Time : 3 Hours

Candidates are required to give their answer in their own words as far as practicable.

The figures in the margin indicate full marks.

THEORY (Marks : 40)

Answer any *two* questions :

2×20

1. Describe retrogressive metamorphosis with example ? State the chordate features find in Branchiostoma. Describe the general characteristics and classification of cyclostomes up to order. 5+5+10

2. Difference between fish and fishes. What is catadromous and anadromous ? What is euryhaline and stenohaline ? Describe the respiratory system of marine teleosts. 4+4+4+8

3. Describe the poison apparatus and biting mechanism of snake. Describe the general characteristics and classification up to living orders of Reptilia. 10+10
4. Describe the general characteristics and classification up to living Orders of Amphibia. Describe the principles and aerodynamics of flight of bird. 10+10

PRACTICAL (Marks : 20)

Answer any *one* from the following questions : 1×20

1. Describe the general characteristics and classification of following specimen Balanoglossus, Myxine, Hippocampus, Axolotl, Chamaeleon. 4×5=20
 2. Draw and point out the pecten of Fowl head, brain and pituitary of Tilapia. 10+10
 3. Write the difference between poisonous and non poisonous snake. 20
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