



বিদ্যাসাগর বিশ্ববিদ্যালয়
VIDYASAGAR UNIVERSITY

Question Paper

B.Sc. Honours Examinations 2020

(Under CBCS Pattern)

Semester - III

Subject: ZOOLOGY

Paper: C7T & C7P

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* from the following questions :

2×20

1. Write notes on :

4×5

- Essential amion acids.
- Di-sulphide bond.
- alpha-amino acid.
- Glucogenic amino acid.

2. Write difference between : 2×10
- (a) Eicosanoids & terpenoids.
 - (b) phospholids & sphingolipids.
3. Briefly describe the allosteric properties of enzyme.
4. What is redox system ? Write the regulatory enzyme action strategy.

PRACTICAL (Marks : 20)

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

1. Write the principle and procedure of protein estimation by lowry method.
 2. Write the molish test & Bewedict test for qualitative test of glucose with proper reaction.
 3. Write the principle & procedure of SDS-PAGE for demonstration of protein separation.
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