



বিদ্যাসাগর বিশ্ববিদ্যালয়
VIDYASAGAR UNIVERSITY

Question Paper

B.Sc. Honours Examinations 2020

(Under CBCS Pattern)

Semester - I

Subject: ZOOLOGY

Paper: C 2-T & C 2-P

(Ecology)

Full Marks : 60 (Theory-40 + Practical-20)

Time : 3 Hours

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

The figures in the margin indicate full marks.

THEORY

Answer any *two* questions from the following :

2×20=40

1. Write about ex-situ and in-situ conservation of biodiversity. 10+10
2. Give an account of the different ecological pyramids found in an ecosystem with castrated diagram.
3. Describe the density-dependent and independent factors regulating a population. 6+8+6
4. Enumerate the steps of ecological succession with a suitable example.

PRACTICAL

Answer *one* question from the following :

1×20=20

1. Write down the procedure of quadrat method in determining population density of a biotic community.
 2. Enlist major phytoplankton and zooplankton which are present in an aquatic ecosystem. Write the systematic position of any two of that.
 3. Write the principle and procedure of determination of dissolved oxygen.
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