



'সমানো মন্ত্র: সমিতি: সমানী'

UNIVERSITY OF NORTH BENGAL
B.A./B.Sc. Honours Part-III Examination, 2022

GEOGRAPHY

PAPER-X

PEDOLOGY AND BIOGEOGRAPHY

Time Allotted: 2 Hours

Full Marks: 50

The figures in the margin indicate full marks.

SECTION-I

Answer any one question

20×1 = 20

1. Define ecosystem. Describe the important components of terrestrial ecosystem with suitable examples. 5+15
2. What do you understand by soil profile development? Explain with examples the role of active soil forming factors in the development of different soil profiles. Critically, analyse the different methods of soil conservation. 3+10+7

SECTION-II

Answer any two questions

10×2 = 20

3. Discuss the role of micro-nutrients for the growth of plants with examples. 10
4. Discuss the salient characteristics of Savannah biome. 10
5. Define bio-diversity. Discuss the importance and controlling factors of bio-diversity. 2+4+4
6. Give an account of scope and content of bio-geography. 10

SECTION-III

7. Define the following terms: 2×5 = 10
 - (a) Trophic level
 - (b) Ecotone
 - (c) Zonal soil
 - (d) Food web
 - (e) Pedocal.

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