



‘সমগ্রো মন্ত্র: সমিতি: সমগ্রো’

**UNIVERSITY OF NORTH BENGAL**  
B.A./B.Sc. Honours 5th Semester Examination, 2024

**CC11-GEOGRAPHY (501)**

**BIOGEOGRAPHY AND PEDOLOGY**

**MODIFIED SYLLABUS**

Time Allotted: 2 Hours

Full Marks: 40

*The figures in the margin indicate full marks.*

**SECTION-I**

1. Answer any *five* questions from the following:

1×5 = 5

- (a) Podzolization
- (b) Humus
- (c) Soil conservation
- (d) Biodiversity hotspot
- (e) Entisols
- (f) USDA
- (g) Soil Texture
- (h) Grassland.

**SECTION-II**

Answer any *three* questions from the following

5×3 = 15

- 2. Write a short note on soil profile with suitable diagrams.
- 3. What are the major causes of soil erosion?
- 4. Write a short note on equatorial biome.
- 5. Write a short note on Ecological Pyramid.
- 6. Briefly discuss the concept of Food chain and Food web.

2½+2½

**SECTION-III**

Answer any *two* questions from the following

10×2 = 20

- 7. Write a short note on role of macronutrients and micronutrients in maintaining soil fertility.
- 8. Discuss the USDA soil classification with suitable examples.
- 9. Briefly describe the ecological importance of desert and Savanna Biome.
- 10. What do you mean by ecosystem? Mention the structure and functions of different types of ecosystem with suitable examples.

5+5

2+8

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