



‘সমানো মন্ত্র: সমিতি: সমানী’

UNIVERSITY OF NORTH BENGAL
B.A./B.Sc. Honours 5th Semester Examination, 2023

CC11-GEOGRAPHY (501)

BIOGRAPHY OF 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) Ao layer
 - (b) Illuviation
 - (c) Laterization
 - (d) Micronutrients
 - (e) Trophic Level
 - (f) Solum
 - (g) Biomes
 - (h) Biodiversity.

SECTION-II

Answer any *three* questions from the following 5×3 = 15

- 2. How does parent materials affect the formation of soil? 5
- 3. Discuss briefly the USDA Soil classification. 5
- 4. Write in brief about the Savanna biome. 5
- 5. Write a note on Energy Flow in ecosystem. 5
- 6. Assess the importance of macro nutrients in soil fertility. 5

SECTION-III

Answer any *two* questions from the following 10×2 = 20

- 7. What is soil profile? How does soil profile develop in different climatic regions? 3+7
- 8. What is soil erosion? What are the different types of measures to check soil erosion? 2+8
- 9. Briefly discuss the ecological significance of equatorial biomes. 10
- 10. What do you know by Food Chain? Illustrate the answer with suitable diagram and examples. 10