

UDAYNARAYANPUR MADHABILATA MAHAVIDYALAYA (Affiliated to Calcutta University)

B.A/B.Sc. 4TH Semester Examination 2020

**Subject: Geography
Full Marks: 35**

**Paper: Soil and Biogeography (CC10)
Time: 2 Hours**

The figure in the margin indicate full marks.

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

Category-A

Answer any 5 questions (each within 80 words).

5x2=10

1. What is niche?
2. What is ecotone?
3. Distinguish between biome and ecosystem.
4. How does endodynamomorphic soil differ from ectodynamomorphic soil?
5. In which climatic condition does solanchak soil form?
6. What is duff mull?
7. What is skeletal soil?

Category-B

Answer any 5 questions (each within 80 words).

5x5=25

8. Explain the role of organic matter as a soil forming factor.
9. What is the significance of energy flow in ecosystem?
10. Differentiate between soil texture and structure.
11. Explain the soil profile characteristics of chernozem soil.
12. Why is biodiversity necessary for our survival?
13. Identify and discuss the causes of deforestation.
14. Differentiate between food chain and food web.