



'সমানো মন্ত্র: সমিতি: সমানী'

**UNIVERSITY OF NORTH BENGAL**  
B.Sc. Honours 3rd Semester Examination, 2023

**CC6-ANTHROPOLOGY (302)**

**HUMAN ECOLOGY: BIOLOGICAL AND CULTURAL DIMENSIONS**

Time Allotted: 2 Hours

Full Marks: 40

*The figures in the margin indicate full marks.*

**SECTION-A**

1. Answer any **five** questions from the following: 1×5 = 5
- (a) What is eco-sensitivity?
  - (b) What is homeostasis?
  - (c) What is ecological success?
  - (d) What is vasodilation?
  - (e) What is habitat?
  - (f) What was the first instance of culture?
  - (g) Write the name of prehistoric tool belongs to neolithic culture.
  - (h) Define ecological niche.

**SECTION-B**

2. Answer any **three** questions from the following: 5×3 = 15
- (a) Write a note on acclimatization.
  - (b) Write a note on Bergmann's rule with example.
  - (c) What do you mean by potential ecological stressor?
  - (d) Explain the abiotic components of eco-system.
  - (e) Write a short note on shifting cultivation.

**SECTION-C**

3. Answer any **two** questions from the following: 10×2 = 20
- (a) Briefly discuss the basis of two mechanism for adaptation to cold stress.
  - (b) Discuss the adaptive significance of human variation with reference to UV radiation, vitamin D and skin colour.
  - (c) Write a detail note on neolithic revolution with example.
  - (d) Describe the impact of industrialization and urbanization on human adaptation.

—x—