



'সমানো মন্ত্র: সমিতি: সমানী'

UNIVERSITY OF NORTH BENGAL
B.Sc. Honours 3rd Semester Examination, 2022

CC7-ANTHROPOLOGY (303)

BIOLOGICAL DIVERSITY IN HUMAN POPULATIONS

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 the full form of DNA?
 - (b) What is point mutation?
 - (c) Define gene flow.
 - (d) Full form of VNTRs is _____.
 - (e) Define demography.
 - (f) Define fertility.
 - (g) Name one serological marker.
 - (h) Coding region of DNA is known as _____.

SECTION-B

2. Answer any **three** questions from the following: 5×3 = 15
- (a) Write short note on biological concept of race.
 - (b) Write short note on fertility, mortality and migration.
 - (c) Write a short note on mtDNA.
 - (d) Write short note on lactose intolerance.
 - (e) Explain the sources of variation responsible for evolution.

SECTION-C

3. Answer any **two** questions from the following: 10×2 = 20
- (a) Write an essay on RFLP analyses.
 - (b) Discuss changing human diet and diseases from an evolutionary perspective.
 - (c) Discuss the role of ecological breastfeeding on the fertility of traditional society.
 - (d) Write on the contributions of B. S. Guha in Indian anthropology.

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