



'समानो मन्त्रः समितिः समानी'

**UNIVERSITY OF NORTH BENGAL**  
B.A./B.Sc. Honours 6th Semester Examination, 2023

**DSE-P4-GEOGRAPHY**

Time Allotted: 2 Hours

Full Marks: 40

*The figures in the margin indicate full marks.*

**Students have to choose either Option A or B**

**OPTION-A**  
**HYDROLOGY AND OCEANOGRAPHY**

**SECTION-I**

1. Explain / Define any **five** from the following: 1×5 = 5
- (a) Thalweg
  - (b) Vadose Zone
  - (c) Sub-Surface run off
  - (d) Evapo-transpiration
  - (e) Romanche trench
  - (f) Ooze
  - (g) Terrigenous sediments
  - (h) Challenger depth.

**SECTION-II**

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

- 2. Explain how porosity and permeability of rocks affect surface runoff. 5
- 3. What is drought? What causes droughts? 5
- 4. What are the basic factors affecting the distribution of temperature of the Oceans? 5
- 5. Classify coral reefs with suitable diagrams. 5
- 6. Write any one subsidence theory regarding the origin of coral reefs. 5

**SECTION-III**

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

- 7. Give an account on the global hydrological cycle and explain the human impact on the hydrological cycle. 6+4
- 8. Define infiltration. Briefly discuss the factors affecting infiltration. 2+8

9. What do you mean by Oceanic Salinity? Explain the factors affecting salinity of the ocean water. 2+8
10. Give an account on the oceanic resources. 10

**OPTION-B**  
**SOCIAL GEOGRAPHY**

**SECTION-I**

1. Explain / Define any *five* from the following: 1×5 = 5
- (a) Social Entity
  - (b) Social Mobility
  - (c) Gothic
  - (d) Shintoism
  - (e) Cephalic Index
  - (f) International Migration
  - (g) Nordic
  - (h) Shanty town.

**SECTION-II**

**Answer any *three* questions from the following**

5×3 = 15

- 2. Write in brief about the origin of social geography.
- 3. Write a short note on Buddhism as a religious entity in India.
- 4. Find out the economic consequences of international migration.
- 5. Mention the indicators of social wellbeing.
- 6. What are the characteristics of slums in India?

**SECTION-III**

**Answer any *two* questions from the following**

10×2 = 20

- 7. Discuss in detail about the scope and content of social geography.
- 8. What are the basis of classification of races? Write a note on Mongoloid race in India.
- 9. Discuss the role of caste and class on Indian society with examples.
- 10. Explain the causes of different types of migration in developing countries.

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