



সমানো মন্ত্র: সমিতি: সমানী

UNIVERSITY OF NORTH BENGAL
B.A./B.Sc. Honours 6th Semester Examination, 2024

DSE-P4-GEOGRAPHY

MODIFIED SYLLABUS

Time Allotted: 2 Hours

Full Marks: 40

The figures in the margin indicate full marks.

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

OPTION-A

HYDROLOGY AND OCEANOGRAPHY

SECTION-I

1. Answer any *five* questions from the following: 1×5 = 5
- (a) Drought Index
 - (b) Barrier Reefs
 - (c) Evapo-transpiration
 - (d) Percolation
 - (e) Surface Runoff
 - (f) Atoll
 - (g) Flash Flood
 - (h) Cloud Burst.

SECTION-II

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

- 2. What are the basic factors affecting the density of the Ocean waters? 5
- 3. Discuss the significance of Ocean Salinity. 5
- 4. Discuss the factors influencing the surface runoff in a river basin. 5
- 5. What do you understand by flood? What are the causes of floods? 1+4
- 6. What are the different sources and types of marine deposits? 5

SECTION-III

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

7. Explain the theory of coral reef formation as proposed by Charles Darwin 10

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| 8. | Describe the relationship between Ocean Salinity and Density and how does density affect ocean circulation patterns? | 10 |
| 9. | Explain the concept of the Hydrological Cycle from a systems approach perspective. How do various components such as precipitation, evaporation, infiltration and runoff interact within the cycle? | 10 |
| 10. | What is drought? What are the causes and consequences of droughts? | 2+8 |

OPTION-B
SOCIAL GEOGRAPHY

SECTION-I

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| 1. | Answer any <i>five</i> questions from the following: | 1×5 = 5 |
| | (a) Primary Group | |
| | (b) Social Space | |
| | (c) Cultural Area | |
| | (d) Ghetto | |
| | (e) Social Distance | |
| | (f) Slum | |
| | (g) Social Conflicts | |
| | (h) Transhumance. | |

SECTION-II

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

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|----|---|---|
| 2. | Explain the concept of Social Space and also mention its types and characteristics. | 5 |
| 3. | Write a note on Cultural Diffusion and Cultural Convergence. | 5 |
| 4. | Define Social conflict and explain its causes. | 5 |
| 5. | Discuss the importance of social group in our society. | 5 |
| 6. | Discuss the main health problems in Indian Slums. | 5 |

SECTION-III

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

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|-----|---|----|
| 7. | Discuss the scope and content of Social Geography. | 10 |
| 8. | Define Social wellbeing. Discuss the indicators of social wellbeing and quality of life with suitable examples. | 10 |
| 9. | Briefly discuss about Cultural Regions. | 10 |
| 10. | Discuss the impact of Covid-19 on the Socio-cultural set up of India. | 10 |