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PG CBCS
M.A. /M.Sc. Semester-III Examination, 2020
GEOGRAPHY
PAPER: GEO 303B
(COASTAL MANAGEMENT)

Full Marks: 40

Time: 2 Hours

Write the answer for each unit in separate sheet

GROUP/UNIT-A

(GEO 303B.1: COASTAL PROCESSES)

Answer any two questions of the following:

10×2=20

1. Explain the mechanism of wave refraction with illustrations.
2. Examine the relevance of coastal study in the context of global climate change.
3. Assess the geomorphic and ecological importance of coastal sand dune.
4. Distinguished between tide dominated and wave dominated coastal environment citing examples from Indian coast.
5. Discuss the major approaches to classification of coast.
6. Compare the processes and landforms in the tide dominated and ebb dominated estuary.

GROUP/UNIT-B

(GEO 303B.2: COASTAL ENVIRONMENTS: FOCUS ON INDIAN REGIONS)

Answer any two questions of the following:

10×2=20

1. Give an idea of geo-physical setup and human activities of the estuarine coastal region of West Bengal.
2. Describe the human activities along the wave dominated coasts citing suitable examples from India.
3. Analyse the morpho-dynamic characteristics of Subarnarekha Estuary.
4. 'Erosion is currently a significant problem in Digha-Shankarpur coastal region of West Bengal.' – Describe the causes, consequences, and its management.
5. Describe the problem of land reclamation and its management in the Sundarbans of West Bengal.
6. Examine the application of Hazard Zonation Mapping for managing coastal hazards.