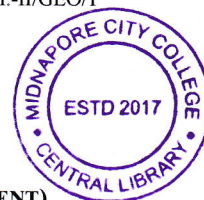


**PG CBCS**  
**MA/M.Sc. Semester-II Examination, 2022**  
**DEPARTMENT OF GEOGRAPHY**  
**PAPER: GEO 203**



(REGIONAL GEOMORPHOLOGY AND RESOURCE MANAGEMENT)

Full Marks: 40

Time: 2 Hours

**Write the answer for each unit in separate sheet**

The figures in the right-hand margin indicate full marks.  
 Candidates are required to give their answers in their own words as far as practicable.

**UNIT: 203.1**

**REGIONAL GEOMORPHOLOGY OF INDIA AND WEST BENGAL**

Marks: 20

**GROUP-A**

1. Answer any one question: 1×8=8

- a) Give geomorphological account on Chhotonagpur Plateau Region.
- b) Write the tectonic framework and evolutionary history of Ganga Delta.

**GROUP-B**

2. Answer any two questions: 2×4=8

- a) Examine the nature of slope instability in Darjeeling Himalayan Region.
- b) Elucidate the geomorphic characteristics of Deccan Trap Region.
- c) Identify the factors responsible for the growth of Godavari Delta.
- d) Write the pedo-geomorphic status of alluvial fans in the Terai Region.

**GROUP-C**

3. Answer any two questions: 2×2=4

- a) What is Landslide Susceptibility Mapping?
- b) Mention the major geomorphic features of Marusthali Region of Rajasthan.
- c) What are the tectonic threats of Andaman and Nicobar Island?
- d) Enumerate the non-living resources of Laksha-Minikoi Island.

(Turn Over)

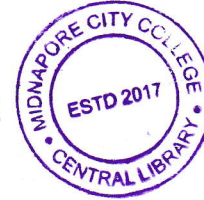
(2)

**UNIT: 203.2**

**LAND WATER FOREST CONFLICT AND CONSERVATION**

**Marks: 20**

**GROUP-A**



**1. Answer any one question:**

**1×8=8**

- a) What is the significance of land class system? Discuss the suitable criteria for land use capability classes.
- b) Discuss the characterization diversity of Rain Forests in terms of layered structures and biodiversity.

**GROUP-B**

**2. Answer any two questions:**

**2×4=8**

- a) What is the role of social forestry in optimum forest management?
- b) Highlight the factors responsible for biodiversity depletion in mangrove forests.
- c) Identify the method of water availability assessment in a drainage basin?
- d) Explain the role of traditional ecological knowledge to conservation of landscape ecology.

**GROUP-C**

**3. Answer any two questions:**

**2×2=4**

- a) Identify the hydrological functions of wetlands.
- b) What is landscape matrix?
- c) What is biodiversity gradient?
- d) Assess the importance of land reclamation.

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