

**2022**

**M.Sc.**

**2nd Semester Examination**

**GEOGRAPHY**

**PAPER—GEO-203**

*Full Marks : 50*

*Time : 2 Hours*

*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.*

*Illustrate the answers wherever necessary.*

**UNIT-203.1**

**REGIONAL GEOMORPHOLOGY OF INDIA AND WB**

**Group-A**

Answer any one question.

1×8

1. Elucidate the nature of tectonic activities and geomorphological characteristics of the Western Ghats.

*(Turn Over)*

2. Discuss how the soil landform complex of the Chhotanagpur plateau and its adjacent areas of West Bengal is correlated with the local geomorphological diversities.

### Group-B

Answer any *two* questions.

2×4

3. Write on the nature of the geomorphological diversities of the Rajasthan desert.
4. Discuss briefly the character of the Late Quaternary evolution of the lower Ganga delta.
5. Identify the geomorphological and sedimentological features of Subarnarekha chenier delta.
6. Explain the role of coral fringe coasts in the formation of carbonate platforms in the Andaman and Nicobar groups of islands.

### Group-C

Answer any *two* questions.

2×2

7. Give a short account of "Marusthali".

8. Why is the Deccan plateau geomorphologically significant?
9. How do alluvial fans evolve in the Terai region of the Himalayan foreland?
10. Write composition of 'Daling' Series of the Darjeeling Himalaya.

### **UNIT-203.2**

#### **LAND WATER FOREST CONFLICT AND CONSERVATION**

##### **Group-A**

Answer any one question.

1×8

1. Explain why land degradation occurs and propose land improvement techniques to reduce the rate of degradation on a regional scale.
2. With examples from India, explain the various types of characterization diversity of mangrove forests along the tropical coast.

**Group-B**

Answer any *two* questions.

2×4

3. Identify the nature and causes of forest degradation in the Jungle Mahal areas of West Bengal.
4. Give a short account of the "Rainforest Ecosystem."
5. Explain the role of water assessment techniques in the water budget of a river basin.
6. Write a note on the functions of wetlands.

**Group-C**

Answer any *two* questions.

2×2

7. Define agro-forestry.
8. Briefly identify the functions of social forestry.
9. Define water footprint.
10. What is Joint Forest Management?

[Internal assessment - 10]