



'সমানো মন্ত্র: সমিতি: সমানী'

UNIVERSITY OF NORTH BENGAL
B.A./B.Sc. Honours 1st Semester Examination, 2023

GE1-P1-GEOGRAPHY (103)

PHYSICAL GEOGRAPHY

MODIFIED SYLLABUS

Time Allotted: 2 Hours

Full Marks: 40

The figures in the margin indicate full marks.

SECTION-I

1. Define the following terms: (any **five**) 1×5 = 5
- (a) Asthenosphere
 - (b) Truncated Spur
 - (c) Bird's foot delta
 - (d) Recessional Moraine
 - (e) Biological Weathering
 - (f) Gutenberg Discontinuity
 - (g) Saltation
 - (h) Diastrophism.

SECTION-II

2. Answer any **three** questions from the following: 5×3 = 15
- (a) Discuss briefly the causes of earthquakes. 5
 - (b) Explain the concept of Plate Boundaries with suitable examples. 5
 - (c) Differentiate between Oxidation and Carbonation. 5
 - (d) Differentiate between Seif Dunes and Barchans. 5
 - (e) Explain the processes of fluvial erosion. 5

SECTION-III

3. Answer any **two** questions from the following: 10×2 = 20
- (a) Critically explain the Big Bang Theory on the origin of the earth. 10
 - (b) Attempt a classification of rocks based on their mode of origin. 10
 - (c) What are the major landforms produced by mass wasting? Illustrate your answer with the help of suitable diagrams. 10
 - (d) Give an account of landforms produced by a valley glacier. 10

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