



'সমানো মন্ত্র: সমিতি: সমানী'

UNIVERSITY OF NORTH BENGAL
B.A./B.Sc. Honours 1st Semester Examination, 2022

CC2-GEOGRAPHY (102)

GEOMORPHOLOGY

MODIFIED SYLLABUS

Time Allotted: 2 Hours

Full Marks: 40

The figures in the margin indicate full marks.

SECTION- I

1. Define any *five* terms from the following: 1×5 = 5
- (a) Biological weathering
 - (b) Knickpoint
 - (c) Doline
 - (d) Blind Valley
 - (e) Primarumpf
 - (f) Convex slope
 - (g) Bajada
 - (h) Solifluction.

SECTION- II

2. Answer any *three* questions from the following: 5×3 = 15
- (a) Illustrate the Fundamental concept "Geological structure is a dominant control factor in the evolution of landforms and is reflected in them". 5
 - (b) Give an account on 'Cycle of Erosion' concept as proposed by W. M. Davis. 5
 - (c) Differentiate between Barkhan and Seif Dunes with suitable diagrams. 5
 - (d) Discuss any two coastal erosional landforms with suitable diagram. 2½ + 2½
 - (e) Write a note on the topographic evidences of rejuvenation. 5

SECTION- III

3. Attempt any *two* questions from the following: 10×2 = 20
- (a) Discuss the theory of slope development as proposed by W. M. Davis with suitable diagrams. 10
 - (b) Write the favourable condition for development of karst topography. What are speleothems and how are they formed? 4+6
 - (c) Give an account on different mechanical processes of weathering. 10
 - (d) Discuss in detail the different depositional landforms produced by fluvial action with suitable diagrams. 10

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