UNIVERSITY OF NORTH BENGAL

B.A./B.Sc. Honours 1st Semester Examination, 2019

CC2-GEOGRAPHY

GEOMORPHOLOGY

Time Allotted: 2 Hours | Full Marks: 40

The figures in the margin indicate full marks.
Candidates should answer in their own words and adhere to the word limit as practicable.
All symbols are of usual significance.

SECTION-I

1. Answer any ***five*** from the following: $1\times5 = 5$

Define the following terms:

(a) Open System
(b) 'Trio of Davis'
(c) Chelation
(d) Pediment
(e) Convexo-Concave Slope
(f) Digitate Delta
(g) Deep Weathering
(h) Speleothem.

SECTION-II

2. Answer any ***three*** questions from the following: $5\times3 = 15$

(a) Mention the role of climate as a controlling factor of weathering. 5
(b) Why is the 'Davisian Cycle of Erosion' referred to as the 'Normal Cycle of Erosion'? 5
(c) What are the major processes of fluvial transportation? 5
(d) Mention the role of fluvial action in an arid region as an agent of changing landscape. 5
(e) What are the components of a slope? 5

SECTION-III

3. Answer any ***two*** questions from the following: $10\times2 = 20$

(a) "The same physical processes and laws that operate today, operated throughout geological time, although not always with the same intensity as now." — Elucidate. 10
(b) State the relation between 'uplift' and 'erosion' in the evolution of landforms. 10
(c) Define 'Coast'. Describe the erosional features produced by marine erosion. 10
(d) Explain the 'Parallel Retreat Model' of slope evolution. 10

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