



‘সম্মানো যন্ত্র: সধিতি: সম্মানী’

UNIVERSITY OF NORTH BENGAL
B.A./B.Sc. Honours 1st Semester Examination, 2024

CC1-GEOGRAPHY (101)

GEOTECTONIC

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) Paleozoic era
 - (b) Lithogenesis
 - (c) Benioff zone
 - (d) Strike
 - (e) Diastrophism
 - (f) Geosyncline
 - (g) Horst
 - (h) Gutenberg Discontinuity.

SECTION-II

2. Answer any *three* questions from the following: 5×3 = 15
- (a) Differentiate between the Cenozoic era and Mesozoic era. 5
 - (b) Discuss the concept of Hayford in Isostasy theory. 5
 - (c) Differentiate between orogenic and epeirogenic movement. 5
 - (d) Discuss the mountain building theory of Holmes in brief.
 - (e) Write a short note on sea-floor spreading theory given by H. Hess. 5

SECTION-III

3. Answer any *two* questions from the following: 10×2 = 20
- (a) Attempt an outline of the Geological time scale. 10
 - (b) Give an account of the interior structure of the earth with suitable diagrams. 10
 - (c) What are the topographic expressions of folding? 10
 - (d) Critically explain the Continental Drift theory as proposed by Alfred Wegener. 10

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