



বঙ্গাদেশ সরকার

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: $1 \times 5 = 5$

- (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: $5 \times 3 = 15$

- (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. 5
- (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: $10 \times 2 = 20$

- (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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