



'समानो मन्त्रः समितिः समानी'

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

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 the following terms: (any **five**) 1×5 = 5
- (a) Anthropocene
 - (b) Exotic nappe
 - (c) Love waves
 - (d) Mountain roots
 - (e) Hypocentre
 - (f) Triple junction
 - (g) Gliptogenesis
 - (h) Guyot.

SECTION-II

2. Answer any **three** questions from the following: 5×3 = 15
- (a) Write a short note on the Meghalayan age. 5
 - (b) Explain the concept of gravitational anomaly. 5
 - (c) Write a note on jigsaw fit. 5
 - (d) Differentiate between diastrophic and sudden earth movement. 5
 - (e) State the importance of mid oceanic ridge in the context of sea floor spreading. 5

SECTION-III

3. Attempt any **two** questions from the following: 10×2 = 20
- (a) Define 'Geologic Time Scale'. Explain the salient features of Mesozoic Era. 2+8
 - (b) Define earth's crust and discuss the internal structure of the earth on the basis of seismic waves. 2+8
 - (c) Explain in detail the mountain building theory of Kober. 10
 - (d) Critically discuss the theory of Plate Tectonics. 10

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