



‘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