



'समानो मन्त्रः समितिः समानी'

**UNIVERSITY OF NORTH BENGAL**

B.A./B.Sc. Honours 1st Semester Examination, 2022

**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 terms: 1×5 = 5
- (a) Paleozoic era
  - (b) NIFE
  - (c) Pyrosphere
  - (d) Orogenesis
  - (e) Benioff zone
  - (f) Asthenosphere
  - (g) Recumbent fold
  - (h) Conservative Plate Margin.

**SECTION-II**

2. Answer any **three** questions from the following: 5×3 = 15
- (a) Write a short note on Cenozoic era. 5
  - (b) Differentiate between symmetrical and asymmetrical fold with suitable diagram. 5
  - (c) Differentiate between Orogenic and Epeirogenic movement. 5
  - (d) Explain in brief the Mountain Building Theory of Holmes. 5
  - (e) Describe in brief different types of plate margins. 5

**SECTION-III**

3. Answer any **two** questions from the following: 10×2 = 20
- (a) Critically analyse the theory of Isostasy as proposed by Hayford and Heiskanen. 10
  - (b) Define fault. Explain the different types of fault with appropriate diagrams. 10
  - (c) Explain the resultant landforms of folding with suitable diagrams. 10
  - (d) Explain the concept of sea floor spreading. What are the geographic features associated with sea floor spreading? 10

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