



राज्यीय यन्त्र रामेति रामानी

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

**UGEOMAJ11001-GEOGRAPHY**

**GEOTECTONIC**

Time Allotted: 2 Hours

Full Marks: 40

*The figures in the margin indicate full marks.*

**SECTION-I**

1. Define the following terms:  $1 \times 5 = 5$
- (a) Pangea
  - (b) Asthenosphere
  - (c) Eon
  - (d) Subduction Zone
  - (e) Dome.

**SECTION-II**

**Answer any three from the following**

- $5 \times 3 = 15$
- 2. Write a short note on Pre-Cambrian Era. 5
  - 3. Distinguish between Convergent and divergent Plate Margins. 5
  - 4. Write a short note on geosynclinal theory of L. Kober. 5
  - 5. Write the evidences of Continental drift theory as proposed by A. Wegner. 5
  - 6. Briefly explain the different extrusive landforms produced by Volcanoes. 5

**SECTION-III**

**Answer any two from the following**

- $10 \times 2 = 20$
- 7. Define Rock. Classify the different types of Igneous rocks. 10
  - 8. Briefly discuss the theory of Isostasy as proposed by Airy. 10
  - 9. Classify faults with suitable examples and diagrams. 10
  - 10. Critically discuss the theory of Plate tectonics. 10

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