



‘समानो मन्त्रः समितिः समानी’

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

GEOGMAJ101-GEOGRAPHY

GEOTECTONIC

Time Allotted: 2 Hours 30 Minutes

Full Marks: 60

The figures in the margin indicate full marks.

SECTION-I

1. Answer any *five* from the following: 2×5 = 10
- (a) Gravity Anomaly
 - (b) Moho discontinuity
 - (c) Nappe
 - (d) Benioff Zone
 - (e) Devonian Era
 - (f) Pyroclastic Rock
 - (g) Median Mass
 - (h) Polar Wandering.

SECTION-II

Answer any *four* from the following 5×4 = 20

- 2. Write a short note on Cenozoic Era. 5
- 3. Make a short note on characteristics of Sedimentary Rock. 5
- 4. Differentiate between fold and fault. 5
- 5. Briefly mention the theory of Geosyncline as proposed by Kober. 5
- 6. Mention the concept of Sea-Floor Spreading as proposed by Harry Hess. 5
- 7. Discuss in brief the Pacific ring of fire. 5

SECTION-III

Answer any *three* questions from the following 10×3 = 30

- 8. Explain the theory of Isostasy as proposed by Pratt. 10
- 9. Discuss the internal structure of the earth with suitable diagrams. 10
- 10. Critically discuss the Thermal Convection Current theory of Holmes. 10
- 11. Discuss in detail the theory of Plate tectonics. 10
- 12. Explain the resultant landforms of folding with suitable diagram. 10

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