



‘সমানো মন্ত্র: সমিতি: সমানী’

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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GEOGMAJ102-GEOGRAPHY

SETTLEMENT GEOGRAPHY

Time Allotted: 2 Hours 30 Minutes

Full Marks: 60

The figures in the margin indicate full marks.

SECTION-I

1. Answer any **five** questions from the following:

2×5 = 10

- (a) Dry Point Settlement
- (b) Hamlet
- (c) Census town
- (d) Necropolis
- (e) Rural-Urban Fringe
- (f) K4 Principle
- (g) Settlement Hierarchy
- (h) Conurbation.

SECTION-II

Answer any **four** questions from the following

5×4 = 20

- 2. Write the concept of site and situation in Settlement Geography. 5
- 3. Write the Origin of Rural Settlements. 5
- 4. Explain in brief the morphology of rural settlement with reference to Indian examples. 5
- 5. Mention the functional classification of Urban Settlement of A. Mitra. 5
- 6. Write the concept of Primate City with suitable examples. 5
- 7. Make a short note on different patterns of rural settlement. 5

SECTION-III

Answer any **three** questions from the following

10×3 = 30

- 8. Discuss the Scope and Content of Settlement Geography. 10
- 9. Discuss the theory of Origin of towns after Lewis Mumford. 10
- 10. Explain the Concentric Zone theory of Urban Land Use. 10
- 11. Briefly write the causes of origin and growth of Urban Settlements in India. 10
- 12. Critically discuss the Central Place theory of W. Christaller. 10

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