



‘সমানো মন্ড্র: সমিতি: সমানী’

UNIVERSITY OF NORTH BENGAL
B.A./B.Sc. Major 2nd Semester Examination, 2025

GEOGMAJ203-GEOGRAPHY

GEOMORPHOLOGY

Time Allotted: 2 Hours 30 Minutes

Full Marks: 60

The figures in the margin indicate full marks.

SECTION-I

1. Define any *five* terms from the following: 2×5 = 10
- (a) Desert pavement
 - (b) Hogback
 - (c) Polycyclic landforms
 - (d) Incised meander
 - (e) Resequent streams
 - (f) Exfoliation
 - (g) Uniclinal structure
 - (h) Endrumpf.

SECTION-II

Answer any four from the following

5×4 = 20

- 2. “Complexity of geomorphic evolution is more common than Simplicity”. — Explain. 5
- 3. Describe the different types of drainage pattern. 5
- 4. Briefly discuss the processes of chemical weathering. 5
- 5. Discuss Peltier’s Morphogenetic regions in brief. 5
- 6. What is meant by ‘interruptions’ of normal cycle of erosion? Explain the concept. 5
- 7. Classify delta with suitable diagrams. 5

SECTION-III

Answer any three questions from the following

10×3 = 30

- 8. Discuss the drainage development on folded structure with suitable diagrams. 10
- 9. Define mass wasting. Mention the different types of mass wasting. 2+8
- 10. Discuss the theory of cycle of erosion as stated by W. M. Davis. 10
- 11. Discuss the slope development theory of Penck. 10
- 12. Describe the major erosional landforms as produced by valley glacier with suitable diagrams. 10

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GEOGMAJ204-GEOGRAPHY

GEOGRAPHY OF RESOURCES

Time Allotted: 2 Hours 30 Minutes

Full Marks: 60

The figures in the margin indicate full marks.

SECTION-I

1. Define/Explain the following terms (any *five*): 2×5 = 10
- (a) Biotic resources
 - (b) Phantom Pile
 - (c) Trans boundary resource
 - (d) Energy Diversification
 - (e) Resistance
 - (f) Fossil Fuel
 - (g) In-situ conservation
 - (h) Lignite.

SECTION-II

Answer any *four* questions from the following

5×4 = 20

- 2. Briefly explain the 'Functional Theory of Resources'. 5
- 3. Highlight the major states rich in iron ore resources in India. 5
- 4. Throw light on the major challenges faced by the hydropower generation centres in India. 5
- 5. Suggest some remedies to reduce the negative effects of mineral resource exploitation. 5
- 6. Briefly explain how ethnological approach lead to manage natural resources in more sustainable way. 5
- 7. Discuss in brief the major soil conservation practices. 5

SECTION-III

Answer any *three* questions from the following

10×3 = 30

- 8. Define resource. Attempt a classification of resources on the basis of exhaustibility, distribution and status of development with suitable examples. 2+8
- 9. Explain how resources are created through dynamic interaction of nature, man and culture. 10
- 10. Discuss in detail the locations and development of oil refinery industries in India. 10
- 11. Present a detailed account of distribution of Indian forests. 10
- 12. Explain the different measures for conservation of natural resources. 10

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