



সম্মানো মন্ত্র: সমিতি: সমানী

UNIVERSITY OF NORTH BENGAL

B.A./B.Sc. Honours 2nd Semester Examination, 2025

CC4-GEOGRAPHY (202)

SETTLEMENT GEOGRAPHY

MODIFIED SYLLABUS

Time Allotted: 2 Hours

Full Marks: 40

The figures in the margin indicate full marks.

SECTION-I

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

1×5 = 5

- (a) Commuter's Zone
- (b) Service Town
- (c) Edge City
- (d) Urban Footprint
- (e) Radial Settlement
- (f) Urban Blight
- (g) Chicago Loop
- (h) Class-II Towns.

SECTION-II

Answer any *three* questions from the following

5×3 = 15

- 2. Highlight the factors controlling the location of rural settlements. 5
- 3. Explain the trend of urbanisation in the modern period. 5
- 4. Describe the process of urbanisation in developing countries and its challenges. 5
- 5. Analyze the impact of urban sprawl. 5
- 6. Discuss the assumptions of the Sector theory. 5

SECTION-III

Answer any *two* questions from the following

10×2 = 20

- 7. Highlight the transition of rural settlements into urban society. 10
- 8. Explain how the change in the nature of occupation affects the morphology of the settlements. 10
- 9. Describe the various patterns of rural settlements and their relation to geographical factors. 10
- 10. Critically discuss the Multiple Nuclei theory to explain the internal structure of urban centres. 10

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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”. — 5
Explain.
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
- Biotic resources
 - Phantom Pile
 - Trans boundary resource
 - Energy Diversification
 - Resistance
 - Fossil Fuel
 - In-situ conservation
 - Lignite.

SECTION-II

Answer any four questions from the following

5×4 = 20

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

SECTION-III

Answer any three questions from the following

10×3 = 30

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

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SEC 2nd Semester Examination, 2025

SEC - UGEOSEC12002-GEOGRAPHY

SUSTAINABLE DEVELOPMENT

Time Allotted: 2 Hours

Full Marks: 40

The figures in the margin indicate full marks.

SECTION-I

1. Define the following terms:

1×5 = 5

- (a) Agenda 21
- (b) Green Hydrogen
- (c) Composting
- (d) Carbon Footprint
- (e) Hybrid energy.

SECTION-II

Answer any *three* questions from the following

5×3 = 15

- 2. Write a short note on SDG: 2 Zero Hunger. 5
- 3. Briefly state about the concept of 'Environmental Auditing'. 5
- 4. Write a short note on future trend of Sustainable Development. 5
- 5. Mention the significances of Social forestry. 5
- 6. Explain the man-environment relationship in reference to Forest Fire. 5

SECTION-III

Answer any *two* questions from the following

10×2 = 20

- 7. Define Sustainable Development. State the concept of Sustainable Development. 2+8
- 8. Discuss the prospects and consequences of SDGs. 10
- 9. State the concept of Ramsar Conservation with reference to 'East Kolkata Wetland'. 10
- 10. Discuss India's progress with reference to MDGs. 10

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B.A./B.Sc. Major 2nd Semester Examination, 2025

UGEOMAJ12002-GEOGRAPHY

SETTLEMENT GEOGRAPHY

Time Allotted: 2 Hours

Full Marks: 40

The figures in the margin indicate full marks.

SECTION-I

1. Answer *all* the questions:

1×5 = 5

- (a) Ecumene
- (b) Break of bulk points
- (c) Satellite Township
- (d) Class-II Cities
- (e) Amorphous Settlement.

SECTION-II

Answer any *three* questions from the following

5×3 = 15

- 2. Write a short note on scope of Settlement Geography. 5
- 3. Discuss in brief the morphology of rural settlements in the Indian context. 5
- 4. Discuss the importance of marketing principle and transport principle in the Central Place theory of W. Christaller. 5
- 5. Why are site and situation important for the growth of an urban settlement? 5
- 6. Briefly explain the factors controlling the distribution of cities in Rank-Size Rule. 5

SECTION-III

Answer any *two* questions from the following

10×2 = 20

- 7. Discuss the factors responsible for the origin and growth of rural settlements. 10
- 8. Discuss and differentiate between the theories of origin of towns by Gordon Childe and Lewis Mumford. 5+5
- 9. Critically discuss the multiple nuclei theory of urban landuse. 10
- 10. What is meant by 'Central place'? Critically evaluate the Central Place theory as propounded by A. Losch. 10

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