



UNIVERSITY OF NORTH BENGAL
B.A./B.Sc. Honours Part-III Examination, 2021

GEOGRAPHY
PAPER-XIV

Full Marks: 50

ASSIGNMENT

The questions are of equal value.
The figures in the margin indicate full marks.

Choose any *one* Option from

- Option-I** : **AGRICULTURAL GEOGRAPHY**
Option-II : **POPULATION GEOGRAPHY**
Option-III : **RIVER GEOGRAPHY**
Option-IV : **URBAN GEOGRAPHY**
Option-V : **REGIONAL PLANNING**
Option-VI : **CARTOGRAPHY**
Option-VII : **ENVIRONMENTAL GEOGRAPHY**

Mention the chosen Option on the cover page of the Answer Book

Write Assignment on any *two* of the following
(Each assignment must be within 1500 words)

25×2 = 50

OPTION-I

AGRICULTURAL GEOGRAPHY

1. Scope and content of Agricultural Geography. 25
2. Von Thunen's Agricultural Landuse model. 25
3. Scheme of Agricultural regionalization in India. 25
4. Land capability assessment (FAO method). 25

OPTION-II

POPULATION GEOGRAPHY

1. Scope and content of Population Geography. 25
2. Determinants and measures of fertility. 25

3. Factors governing the world distribution of population. 25
4. Population Policy of India, 2000. 25

**OPTION-III
RIVER GEOGRAPHY**

1. Scope and content of River Geography. 25
2. Drainage basin as a study of geomorphic unit. 25
3. Problems of river bank erosion with particular reference to rivers of North Bengal. 25
4. Effects of dams and embankments with reference to Tista Barrage project. 25

**OPTION-IV
URBAN GEOGRAPHY**

1. Definition of towns and cities in different countries with special reference to Indian perspective. 25
2. World urbanization in the ancient period. 25
3. Functional classification of urban centres. 25
4. Urbanization and environmental problems in India. 25

**OPTION-V
REGIONAL PLANNING**

1. Scope, content and objectives of Regional Planning. 25
2. Regional imbalances in India since Independence. 25
3. Decentralized rural development in West Bengal under the Panchayat Raj system. 25
4. Growth Pole Theory after Perroux. 25

**OPTION-VI
CARTOGRAPHY**

1. Nature and scope of Cartography. 25
2. Stadia principle of Theodolite surveying (Line of sight horizontal and staff held vertically). 25
3. Derivation of the fundamental equations for Simple Conical Projection with two standard parallels. 25

4. Principles of Aerial photogrammetry. 25

OPTION-VII
ENVIRONMENTAL GEOGRAPHY

1. Socio-cultural components of environment. 25
2. Energy flow in ecosystem. 25
3. Assessment and mitigation of environmental hazards. 25
4. Nature and causes of flood in North Bengal. 25

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