

2017

GEOGRAPHY

( Major )

Paper : 3.1

( Soil and Biogeography )

Full Marks : 60

Time : 3 hours

*The figures in the margin indicate full marks  
for the questions*

1. Answer the following by choosing the most appropriate option given against each question : 1×7=7

(a) Humus is

- (i) a decomposed organic matter
- (ii) a chemical extract in laboratory
- (iii) vegetation
- (iv) a human body organ

- (b) - What is the most important determinant of soil colour?
- (i) Parent material
  - (ii) Amount of humus
  - (iii) Chemical modification
  - (iv) Amount of manure used
- (c) Xerophytes are found in
- (i) rain-forest
  - (ii) water
  - (iii) deserts
  - (iv) tundra region
- (d) The term 'zoogeography' is associated with the
- (i) distribution of plants
  - (ii) distribution of birds
  - (iii) distribution of snakes
  - (iv) distribution of animals
- (e) Ecosystems are the systems which refer to the
- (i) houses and settlements occupied by man
  - (ii) plants in relation to their environments
  - (iii) interdependence of man with social condition
  - (iv) interdependence of organisms with their environments

- (f) The most important forest ecology is
- (i) to modify the climate
  - (ii) to beautify the landscape
  - (iii) to provide wood and fuel
  - (iv) to prevent soil erosion
- (g) The conservation of forests aims at the
- (i) total ban on the use of forests for a short duration
  - (ii) partial restriction on the use of forest resources
  - (iii) rational use of forest resources
  - (iv) utilization of forest resources to the maximum capacity

2. Write very short notes on

- (a) Zonal soil
- (b) Biosphere
- (c) Hot spots
- (d) Translocation of species

3. Write short notes on any *three* of the following : 5×3=15

- (a) Soil profile
- (b) Food chain
- (c) Soil texture
- (d) Biome
- (e) Ecology

4. (a) Describe in detail the major types of soil and their characteristics. 10

*Or*

(b) Describe the soil forming processes highlighting the role of climate, geology and vegetation.

5. (a) Describe the factors responsible for the global distribution of plants and animals. 10

*Or*

(b) What are the impacts of human activities on environment? Illustrate with some local examples.

6. (a) Describe the meaning, scope and development of biogeography. 10

*Or*

(b) Describe in detail the major conservational issues of the biodiversity in Assam.

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GEOGRAPHY

( Major )

Paper : 3:2

( **Economic Geography** )

*Full Marks : 60*

*Time : 3 hours*

*The figures in the margin indicate full marks  
for the questions*

1. Answer the following questions : 1×7=7
- (a) What is fund resource?
  - (b) Define 'transhumance'.
  - (c) Name the temperate grassland of North America.
  - (d) What is population density?
  - (e) Define intensive agriculture.
  - (f) What are quinary activities?
  - (g) Name the tea research centre of Assam.



2. Answer the following questions in brief :

2×4=8

- (a) Define biotic and abiotic resources.
- (b) Distinguish between resource and wealth.
- (c) Classify the agricultural practices on the basis of cropping system.
- (d) Name the physical environment popularly known as four frontiers of agriculture.

3. Answer any *three* of the following questions :

5×3=15

- (a) Discuss the distribution of iron-ore resources in the world.
- (b) Write the factors of cultivation and production of sugarcane in the world.
- (c) Discuss the major factors of industrial location.
- (d) Discuss the important characteristic features of Mediterranean agriculture.
- (e) Define resource and classify it on the basis of appropriate criteria.

4. What is economic geography? Discuss its meaning and scope.

Or

Discuss the approach of economic geography.

5. Discuss the characteristics of migratory primitive subsistence agriculture.

Or

“Agricultural practices vary in different regions because of different environmental conditions.” Give examples.

6. What are the locational factors of the Textiles Industry? Discuss the distribution of Cotton Textiles.

Or

Examine critically the locational factors of the industrial location and its context of Indian Iron and Steel Industry.

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