

2018

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) Which one of the following soils is not zonal type?

- (i) Grumusols
- (ii) Prairie soils
- (iii) Lithosols
- (iv) Ferral soils

(b) 'Podzolization' or 'cheluviation' is a process that is widespread in soils that are

- (i) neutral
- (ii) on the acidic side of the neutral
- (iii) strongly alkaline
- (iv) on the alkaline side of neutral

- (c) Hygrophytes are
- (i) plants living in plenty of moisture
 - (ii) plants transpiring very little water
 - (iii) plants living in extremely arid condition
 - (iv) Both (i) and (ii)
- (d) A 'Mesophyte' needs
- (i) a very high precipitation
 - (ii) scanty precipitation
 - (iii) moderate precipitation
 - (iv) no precipitation
- (e) The most stable environment found on the earth is
- (i) deserts
 - (ii) deep seafloor
 - (iii) high mountains
 - (iv) plains
- (f) Which one of the following is not a part of the same food chain?
- (i) Frog
 - (ii) Snake
 - (iii) Insect
 - (iv) Goat

- (g) Ecosystem refers to following?
- (i) Things of non-living
 - (ii) Things of living
 - (iii) It is the subject
 - (iv) It refers to both living things in

2. Write very short notes on following :

- (a) Podsol
- (b) In situ conservation
- (c) Wildlife corridor
- (d) Habitat
- (e) Desert ecosystem
- (f) Afforestation

3. Write short notes on following :

- (a) Endangered species
- (b) Food chain
- (c) Equatorial forest region
- (d) Conservation of natural resources
- (e) Niche

4. (a) Describe the nature and scope of soil geography. 10

Or

- (b) Describe the physical properties of soil and classify soil according to texture. 10

5. (a) Give a brief description of the biogeographic regions of the world. 10

Or

- (b) Describe the physical and biotic factors that affect the geographic dispersal of plants and animals. 10

6. (a) Define ecology and ecosystem. Highlight the place of man in the ecosystem. 2+8=10

Or

- (b) Discuss the nature of growing man-wildlife conflicts in Assam and suggest remedial measures for the same. 7+3=10

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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) Define extensive agriculture.
 - (b) What is population density?
 - (c) Mention two major tea producing States of India.
 - (d) What are quaternary activities?
 - (e) Which is the largest sugar producing country in the world?
 - (f) What is flow resource?
 - (g) Define dry farming.

2. Answer the following questions in brief : $2 \times 4 = 8$

- (a) What is meant by 'conservation of resource'?
- (b) Give examples (two each) of renewable and non-renewable resources.
- (c) What are the two essential attributes of resource?
- (d) What are the prime factors in agricultural production?

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

$5 \times 3 = 15$

- (a) Discuss the important characteristic features of monsoonal agriculture.
- (b) Give different classifications of industries with examples.
- (c) Mention the factors associated with high density of population in selected areas of the world.
- (d) Present a brief account of cotton cultivation and production pattern of the world.
- (e) Describe the impacts of modernization on agriculture.

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(Continued)

4. Define economic geography. Define approaches to the study of economic geography.

Or

What is economic geography? Define the subject matter of economic geography.

5. Give an account of the geographical factors influencing the successful cultivation of rice and wheat and mention the geographical factors influencing the successful cultivation of cotton.

Or

Describe the geographical factors necessary for successful cultivation of rice and wheat. Mention the principal types of agriculture in the world.

6. What are the raw materials for the development of a petro-chemical industry? Give an account of the petro-chemical industry.

Or

What are the factors of location of the steel industry? Describe the development of iron and steel industry.

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