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3 (Sem-4/CBCS) GGY HC 1

2024

GEOGRAPHY

(Honours Core)

Paper : GGY-HC-4016

**(Environmental Geography
and Disaster Management)**

Full Marks : 60

Time : Three hours

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

1. Answer the following questions very objectively : 1×7=7

(a) The term 'environment' etymologically means _____. (Fill in the blank)

(b) Define ecosystem.

(c) The development that causes least damage to the environment is called _____. (Fill in the blank)

Contd.

(d) Increasing skin cancer and high mutation rate are the result of

- (i) acid rain
- (ii) CO₂ pollution
- (iii) global warming
- (iv) ozone depletion

(e) The National Disaster Management Act was enacted in the year

- (i) 1986 (ii) 2005
- (iii) 1908 (iv) 1980

(Choose the correct option)

(f) The intensity of disaster is weighted in terms of _____. *(Fill in the blank)*

(g) Name the most hospitable biome of the world.

2. Answer the following questions in brief:

2×4=8

- (a) Mention the causes of water pollution.
- (b) Distinguish between the concept of risk and vulnerability.
- (c) What is E-waste ?
- (d) State the biotic and abiotic components of the environment.

3. Answer the following questions in short:
(any three) $5 \times 3 = 15$

- (a) Discuss the modes of life of the people of tundra environment.
- (b) What are the basic principles of sustainable development?
- (c) Differentiate between hazard and disaster with suitable examples.
- (d) State the consequences of global warming on environment.
- (e) Mention various sources of water pollution in a river with examples.

4. Answer the following questions: $10 \times 3 = 30$

- (a) Discuss the scope and significance of environmental geography. $5 + 5 = 10$

Or

What is deforestation? Discuss the causes and consequences of deforestation. $2 + (4 + 4) = 10$

- (b) Discuss the important sections of the Environmental Protection Act, 1986.

Or

What do mean by disaster management? Discuss various stages of disaster management cycle.

2+8=10

- (c) Discuss the causes and consequences of flood hazard in Brahmaputra river. Also suggest remedial measures to check the floods in the Brahmaputra river.

(4+4)+2=10

Or

Give a comprehensive account of various types of hazards and disaster.