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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.