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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 : $1 \times 7 = 7$

(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
- acid rain
 - CO₂ pollution
 - global warming
 - ozone depletion
- (e) The National Disaster Management Act was enacted in the year
- 1986
 - 2005
 - 1908
 - 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
- Mention the causes of water pollution.
 - Distinguish between the concept of risk and vulnerability.
 - What is E-waste?
 - State the biotic and abiotic components of the environment.

3. Answer the following questions in short:
- (any three) 5×3=15
- Discuss the modes of life of the people of tundra environment.
 - What are the basic principles of sustainable development?
 - Differentiate between hazard and disaster with suitable examples.
 - State the consequences of global warming on environment.
 - Mention various sources of water pollution in a river with examples.
4. Answer the following questions: 10×3=30
- 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

- 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.