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3 (Sem-4/CBCS) GGY HC 1

2022

**GEOGRAPHY**

(Honours)

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 : **(any seven)**  
1×7=7

- (a) Who first defined Environmental Geography ?
- (b) What is bio-diversity ?
- (c) What is ecological succession ?
- (d) What is biome ?
- (e) Name *two* causes of habitat crises ?

Contd.

- (f) World Water Day is celebrated on \_\_\_\_.
- (g) In which year first Earth summit was held ?
- (h) Excessive irrigation of soil leads to — soil erosion/water-logging.
- (i) Who coined the term ecosystem ?
- (j) Define trophic levels.

2. Answer the following questions : **(any four)**  
2×4=8

- (a) Give a definition of Environmental Geography.
- (b) Mention *two* basic objectives of the national policy on disaster management.
- (c) How is acid rain harmful ?
- (d) What is the positive effect of greenhouse gases ?
- (e) What are man-made disasters ?
- (f) What are the benefits of CNG ?
- (g) How is vulnerability related to hazard ?
- (h) What are the *two* types of disaster management ?

3. Answer the following questions : **(any three)**  
5×3=15

- (a) Write the causes of environmental degradation.
- (b) What do you mean by human environment ? Explain *two* types of human environment interaction in brief.
- (c) What are the major approaches to the study of man-environment relationship ?
- (d) What is wildfire ? How does wildfire affect the environment ?
- (e) Explain how deforestation affects the life of people.
- (f) Discuss the salient features of the Disaster Management Act, 2005.
- (g) Discuss the aims and objectives of disaster management.
- (h) Describe the mitigation strategies of flood problem in Assam.

4. Answer the following questions : **(any three)**  
10×3=30

- (a) What do you mean by Environmental Geography ? Discuss the scope of environmental geography with reference to its fundamental concepts.

- (b) "Global warming is burning the earth of today and future of tomorrow." Discuss with suitable illustrations.
  - (c) Elaborate the historical progression of man-environment relationship from geographical perspective.
  - (d) Critically analyse *five* biggest environmental problems in the world.
  - (e) What is disaster ? Discuss the strengths and weaknesses of the Disaster Management Act, 2005.
  - (f) Discuss various human responses to different biomes of the world.
  - (g) What is the Environmental Protection Act, 1986 ? Critically analyse the significance of the Environmental Protection Act.
  - (h) "Population explosion is the root cause of pollution." Explain the statement.
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