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3 (Sem–4/CBCS) GGY HC 1

2026

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 : ***(any seven)*** 1×7=7

   (a) Define trophic levels.

   (b) Who coined the term ecosystem ?

   (c) Excessive irrigation of soil leads to — soil erosion/water-logging.

   (d) In which year first Earth summit was held ?

(e) World Water Day is celebrated on ____.

(f) Name *two* causes of habitat crises ?

(g) What is biome ?

(h) What is ecological succession ?

(i) What is bio-diversity ?

(j) Who first defined Environmental Geography ?

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

(a) What are the *two* types of disaster management ?

(b) How is vulnerability related to hazard ?

(c) What are the benefits of CNG ?

(d) What are man-made disasters ?

(e) What is the positive effect of greenhouse gases ?

(f) How is acid rain harmful ?

(g) Mention *two* basic objectives of the national policy on disaster management.

(h) Give a definition of Environmental Geography.

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

(a) Describe the mitigation strategies of flood problem in Assam.

(b) Discuss the aims and objectives of disaster management.

(c) Discuss the salient features of the Disaster Management Act, 2005.

(d) Explain how deforestation affects the life of people.

(e) What is wildfire ? How does wildfire affect the environment ?

(f) What are the major approaches to the study of man-environment relationship ?

(g) What do you mean by human environment ? Explain *two* types of human environment interaction in brief.

(h) Write the causes of environmental degradation.

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

(a) "Population explosion is the root cause of pollution." Explain the statement.

(b) What is the Environmental Protection Act, 1986 ? Critically analyse the significance of the Environmental Protection Act.

(c) Discuss various human responses to different biomes of the world.

(d) What is disaster ? Discuss the strengths and weaknesses of the Disaster Management Act, 2005.

(e) Critically analyse *five* biggest environmental problems in the world.

(f) Elaborate the historical progression of man-environment relationship from geographical perspective.

(g) "Global warming is burning the earth of today and future of tomorrow." Discuss with suitable illustrations.

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

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