ANANDARAM DHEKIL PHOOKAN COLLEGE LIBRARY
Acc. No.
Date
Nagaon · Assam

2026

GEOGRAPHY

(Major)

Paper : GGY0600104

(Geography of Environment and Development)

Full Marks : 45

Time : 2 hours

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

1. Choose the correct answer : 1×5=5

(a) The concept of neo-determinism is associated with

(i) Griffith Taylor

(ii) Ratzel

(iii) Sauer

(iv) Huntington

(b) Desertification is primarily associated with

(i) polar regions

(ii) arid and semi-arid regions

(iii) equatorial regions

(iv) mountain ecosystems

(c) The concept of 'carrying capacity' is closely related to
  (i) urban morphology
  (ii) sustainable development
  (iii) hazard mapping
  (iv) soil classification

(d) The population-consumption-technology nexus is mainly related to
  (i) resource distribution
  (ii) cultural diffusion
  (iii) environmental degradation
  (iv) urban morphology

(e) Which of the following is an example of anthropogenic hazard?
  (i) Earthquake
  (ii) Flood
  (iii) Industrial chemical leakage
  (iv) Cyclone

2. Answer any *five* questions very briefly : 2×5=10

(a) What is biome? Mention its any two types.

(b) What is adaptation? Give one example from any biome.

(c) Distinguish between hazard and disaster.

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(d) What is meant by desertification?

(e) What is meant by biosphere?

(f) What do you mean by corporate ecological responsibility?

(g) What is meant by sustainable development?

(h) What is meant by equity in development?

(i) Define vulnerability in the context of disaster management.

(j) What is meant by environmental ethics?

3. Answer any *four* questions in short : 5×4=20

(a) Explain the significance of environmental geography as a branch of geography.

(b) Trace the evolution of man-environment relationship from determinism to neo-determinism.

(c) Describe the functioning of an ecosystem with reference to trophic levels.

(d) Analyze the relationship between development and environmental degradation.

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(e) Examine the concept of ecology and equity in the development process.

(f) Explain the importance of water resources in sustaining fishing livelihoods.

(g) Explain the population-consumption-technology nexus and its environmental implications.

(h) Examine the impact of technological advancement on resource consumption patterns.

4. Answer any *one* question : 10

(a) Discuss the major environmental problems faced by developing countries and critically evaluate the policy responses.

(b) Discuss the major environmental problems at the global level and evaluate the mitigation strategies.

(c) Evaluate the role of protected areas and water resource management in promoting sustainable livelihoods.

(d) Evaluate sustainable development as a strategy for balancing environment and development in the 21st century.

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