

*Total number of printed pages-3*

**14 (SEM- II) GGY 2076**

**2025**

**GEOGRAPHY**

Paper : GGY-2076

**( Geography of Environment and Development )**

*Full Marks : 80*

Time : Three hours

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

**GROUP-A**

***Answer any three questions :*** **16×3=48**

1. Explain the meaning of environment and describe in detail the components of the environment, highlighting their inter-relationships and functions.
2. Discuss the historical perspectives on the man-environment relationship and critically evaluate different approaches to studying this relationship.

3. Analyze the role of humans as a factor in climate change with particular reference to industrialization, urbanization, and global warming.
4. Define sustainable development and critically discuss its importance in harmonizing environmental and developmental goals.
5. Examine the environmental hazards and disasters prevalent in the Brahmaputra and Barak valleys, emphasizing flood hazards and their management strategies.

### **GROUP-B**

*Answer any four of the following :*      8×4=32

6. Define environmental geography and explain its emergence as an important branch of geography.
7. Describe the energy flow within an ecosystem and its ecological significance.
8. Briefly discuss the effects of environmental pollution on human and ecological systems.
9. Explain the concept and importance of Environmental Impact Assessment (EIA).

10. Provide an overview of global and regional environmental programs and policies designed to address contemporary environmental issues.

11. Write short notes : *(any two)*  $4 \times 2 = 8$

(a) Bio-geochemical cycles

(b) Environmental management

(c) Global warming

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