

Total number of printed pages-3

14 (GGY-2) 2076

2024

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 : $16 \times 3 = 48$

1. Describe how the rapid growth of population is affecting our environment. Include in your discussion the factors driving population growth and its direct and indirect impacts on the environment. Draw on examples from your own or other contexts. Explain how this relationship influences environmental policies and management.

Contd.

2. Explain the concept of an ecosystem and different types of ecosystems that exist. Discuss the main functions of an ecosystem and how energy flow occurs within it.
3. Choose one bio-geochemical cycle and describe its process in detail. Discuss the stages of the chosen cycle and the role it plays in maintaining the health of the ecosystem.
4. Define 'sustainable development'. Discuss its importance in balancing environmental issues and development processes. Draw on examples to illustrate how sustainable development principles can be integrated into the development processes.
5. Identify a major environmental pollution issue in your relevant context, analyze the factors contributing to this pollution and how it is affecting the environment. Suggest and evaluate potential strategies for managing this issue.
7. Elucidate the effect of industrialization and urbanization on climate. Highlight the role of man as a factor of climate change.
8. Explain what environmental management is meant by. Discuss different approaches of environmental management.
9. What is a disaster? Discuss different disaster situations in Northeast India. Mention their mitigation strategies.
10. Mention the major global environmental issues and discuss *any one* of them in detail.
11. Write short notes on : **(any two)** 4×2=8
 - (a) Biosphere
 - (b) Greenhouse effect
 - (c) EIA

Group-B

Answer **any four** questions : 8×4=32

6. Discuss in detail the man-environment relationship. Provide a historical perspective on man's interaction with the environment.