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MGG-007

**M. SC. (GEOGRAPHY)
(MSCGG)**

Term-End Examination

December, 2025

MGG-007 : ENVIRONMENTAL GEOGRAPHY

Time : 3 Hours

Maximum Marks : 100

Note : Attempt all Sections. Marks are mentioned against each Section.

Section-A

1. Answer any *five* questions. Your answer should be in about **150** words : $5 \times 5 = 25$

(a) What is environment ? Discuss the geographer's role in the study of environment.

- (b) Who propagated the concept of 'Possibilism' ? Discuss in brief.
- (c) Define biodiversity. Write any *four* physical and human factors each affecting distribution of organisms.
- (d) Explain any *five* avalanche control measures.
- (e) What are industrial hazards ? Mention any *six* characteristics of industrial hazards.
- (f) How is displacement an indirect impact of climate change ? Explain.
- (g) State any *five* principles for social impact assessment.

Section—B

*Note : Answer any **three** questions. Your answer should be in about **300** words. 3×10=30*

2. What is sustainable development ? Explain any *two* approaches to understand sustainable development.
3. Define ecosystem. Elaborate the function of ecosystem with suitable diagrams.
4. What are the causes of heat and cold waves ? Discuss the management strategies for reducing the effects of heat and cold waves.
5. Describe arsenic contamination in different states of India. Suggest suitable measures to prevent the harmful effects of arsenic contamination on human health.

6. Describe the 'Environmental Impact Assessment' and its scope in detail.

Section—C

*Note : Answer any **three** questions. Your answer should be in about **600** words. $3 \times 15 = 45$*

7. Explain 'Global Warming'. Discuss in detail the consequences and remedial measures of global warming.
8. Describe forest and freshwater ecosystem and their characteristics.
9. Discuss the concept of vulnerability and its types. Explain vulnerability and risk through the risk triangle.

10. Discuss the Forest Conservation Act, 1980 in detail. Explain key provisions of the Forest (Conservation) Amendment Bill, 2023.
11. What is air pollution ? State the causes of air pollution. Describe long-term and short-term effects of air pollution on human health.

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