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MGG-007

M. SC. (GEOGRAPHY)

(MSCGG)

Term-End Examination

June, 2026

MGG-007 : ENVIRONMENTAL GEOGRAPHY

Time : 3 Hours

Maximum Marks : 100

Note : (i) *Attempt all questions.*

(ii) *Marks are indicated 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 desertification ? State any **three** priorities to combat the regional issues of desertification.*

- (b) Explain Community Capacity Building approach in understanding sustainable development.
- (c) “Human ecology cannot be sufficiently explained by a single discipline.” Explain.
- (d) What is Sendai Framework ? Write its goal and outcome.
- (e) Define drought. Briefly explain any *two* types of droughts.
- (f) State any *five* major changes in the Wildlife (Protection) Amendment Act-2022.
- (g) State any *five* basic principles of Environment Impact Assessment.

Section—B

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

2. Explain Environmental Determinism and Possibilism in detail.
3. What are ecological communities ? Describe the concept of trophic levels to understand the relationships among organisms.
4. What are industrial hazards ? Explain their characteristics.
5. Describe the water quality criteria for different purposes as per Indian Standard.
6. Explain any *five* principles of Social Impact Assessment given by Vanclay and Frank.

Section—C

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

7. What is environment ? Describe the *four* segments of environment. Discuss the *three* elements of environment.
8. Explain any *six* bio-geographical regions of India with examples.
9. Discuss any *five* characteristics and causative factors of earthquake each. Describe any *five* management strategies related to earthquakes.

10. Define 'Climate Change' and 'Human Health'. Explain the indirect impacts of climate change on human health in detail.
11. Describe different types of health hazards. Explain the health risks, vulnerability and spatial patterns of fluoride contamination in India.

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