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MGG-007

M. SC. (GEOGRAPHY) (MSCGG)

Term-End Examination

June, 2025

MGG-007 : ENVIRONMENTAL GEOGRAPHY

Time : 3 Hours

Maximum Marks : 100

***Note :** Attempt **all** Sections. Marks are mentioned against each question.*

Section-A

1. Answer any **five** questions. Your answer should be in about **150** words each : $5 \times 4 = 20$

- (i) What are the *four* segments of environment ?

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- (ii) Explain the concept of possibilism.
- (iii) Describe the energy flow in an ecosystem.
- (iv) Briefly discuss the factors affecting the distribution of organisms.
- (v) Describe the importance of biomedical perspective in studying health and disease.
- (vi) Briefly describe chemical and biological health hazards.
- (vii) Briefly discuss the 'Distributive Powers' in the context of environmental protection laws.

Section-B

2. Answer any *five* questions. Your answer should be in about **250** words each : 5×6=30

- (i) Explain the relationship of Environmental Geography with other Physical and Social Sciences.

- (ii) Explain human impacts on natural environment with special reference to land and biodiversity.
- (iii) Explain any *three* important ecological adaptations of plants and animals to their environmental conditions.
- (iv) Discuss the *three* types of biodiversity in India.
- (v) Write a note on the causes, effects and mitigation measures of 'Air Pollution'.
- (vi) Explain the health risk and vulnerabilities associated with fluoride contamination in India.
- (vii) Discuss the 'New Environmental Policy' of India.

Section-C

Note : Answer any *five* questions. Your answer should be in about **500** words each. $5 \times 10 = 50$

3. What is climate change ? Explain any *two* evidences about climate change. Briefly write IPCC observations about climate change at global level.
4. What are sustainability and sustainable development ? Explain any *three* approaches to understand the sustainable development.
5. Define and discuss human ecology in detail. Explain the multidisciplinary association of human ecology with diagram.

6. Explain the concept of vulnerability and give detailed discussion on its classes.
7. Discuss the characteristics, causative factors and management strategies of tropical cyclones.
8. Discuss the direct and indirect impacts of climate change on human health.
9. What is 'Social Impact Assessment' ? Write the various principles of Social Impact Assessment.

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