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MGG-007

M. SC. (GEOGRAPHY) (MSCGG)

Term-End Examination

December, 2024

MGG-007 : ENVIRONMENTAL GEOGRAPHY

Time : 3 Hours

Maximum Marks : 100

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

Section—A

1. Answer any *five* questions. Your answer should be in about **150** words each : 5×4=20
 - (i) Write a short note on environment.
 - (ii) What are environmental determinism and possibilism ?

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- (iii) Describe the concept of sustainable development.
- (iv) Briefly explain food chain and food web.
- (v) Differentiate between hazards and disasters.
- (vi) What is land pollution ? Write any *four* causes for land pollution.
- (vii) Write any *two* advantages and disadvantages each of map overlay method used in Environmental Impact Assessment.

Section—B

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

- (i) Explain physical and biological elements of environment.

- (ii) Briefly discuss the human impacts on water and air.
- (iii) What is an ecological community ?
Explain different trophic levels in an ecosystem.
- (iv) Define drought and write its types.
Briefly discuss the management of droughts.
- (v) Briefly describe any *six* causes of 'oil spills' in oceans.
- (vi) Explain the *three* pathways through which human beings are exposed to hazardous condition.
- (vii) What is 'Environmental Impact Assessment' (EIA) ? Discuss the objectives and scope of EIA.

Section—C

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

3. What is global warming ? Explain the major consequences of global warming and suggest any *four* remedial measures for the mitigation of global warming.
4. What is an ecosystem ? Discuss any *two* types of ecosystem.
5. Define biodiversity. Give a brief account of any *four* biogeographical regions of India.
6. What are geological hazards ? Elaborate any *three* characteristics and causative factors each of landslides and briefly discuss their management.

7. What are climate change and human health ?

Discuss various indirect impacts of climate change on human health.

8. Discuss in detail the Wildlife (Protection) Act and the Water (Prevention and Control of Pollution) Act of India.

9. What is Social Impact Assessment (SIA) ?

Discuss its scope and different variables used in SIA.

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