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MGGE-002

M. SC. (GEOGRAPHY)

(MSCGG)

Term-End Examination

June, 2026

**MGGE-002 : NATURAL RESOURCE
MANAGEMENT**

Time : 3 Hours

Maximum Marks : 100

Note : *All questions are compulsory. Marks are indicated against each question.*

Section—A

1. Answer any *five* of the following question in about **150** words each : 5×4=20
 - (i) Write a short note on the ecological approaches of natural resources management.
 - (ii) Briefly explain the concept of ecology.

- (iii) Write a short note on 'Appiko' movement.
- (iv) What is desertification ? Briefly discuss any *two* classification of desertification.
- (v) Write a short note on 'Biodiversity Hotspots' of India.
- (vi) Explain deforestation and its causes.
- (vii) Write a short note on the United Nations Convention on the Law of the Sea (UNCLOS).

Section—B

2. Answer any *five* of the following questions in about **300** words each : 5×6=30

- (i) Briefly discuss the historical perspective of National Resources Management.
- (ii) Discuss any *two* case studies on climate change and natural resource management.

- (iii) Explain various issues related to invasive species with examples.
- (iv) Explain water crisis. Discuss any *two* types of water crisis.
- (v) What is the United Nation Convention to Combat Desertification (UNCCD) ? Discuss the *four* components of UNCCD's framework.
- (vi) Discuss the government policies to combat deforestation in India.
- (vii) Discuss the basic concept of remote sensing and its role in natural resources management.

Section—C

Note : Answer any *five* question in about
500 words each. 5×10=50

3. Explain mineral resources. Discuss the distribution pattern of any *four* minerals in India. 10

4. Discuss the dimension of cultural and traditional knowledge in natural resource management. 10
5. What is sustainable development ? Discuss the *four* importances of sustainable development in the context of natural resource management. 10
6. What is Integrated Natural Resource management ? Discuss the Integrated Coastal Zone Management in detail. 10
7. Discuss any *four* international policies for biodiversity conservation. 10
8. Explain in detail any *two* case studies of land resource management in India. 10
9. What is biogeochemical cycle ? Discuss any *two* biogeochemical cycle in detail. 10

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