

No. of Printed Pages : 4

MGG-002

**MASTER OF SCIENCE IN GEOGRAPHY
(MSCGG)**

Term-End Examination

December, 2025

MGG-002 : GEOMORPHOLOGY

Time : 3 Hours

Maximum Marks : 100

Note : *Attempt all Sections as directed. Marks are indicated against each question.*

Section—A

1. Attempt any *five* questions. Your answer should be in **150** words : 5×5=25
 - (a) What is coastal erosion ? Explain its significance in coastal processes.
 - (b) What is a closed system ? Give examples.
 - (c) Explain Volcanicity.

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- (d) Describe different types of falls in mass movement.
- (e) How are rapids and waterfalls formed ? Give examples.
- (f) Discuss soil degradation in brief.
- (g) What are Uvala and Polje ? Give examples.

Section—B

Note : Attempt any *three* questions. Your answer should be in **300** words.

3×10=30

- 2. Explain any *five* fundamental concepts of Geomorphology.
- 3. What is folding ? Explain any *four* types of folds with neat sketches.
- 4. Explain the importance of landuse planning in environment management.
- 5. Describe the *three* types of wind erosion processes with diagram.

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6. What are the key parameters that play a key role in understanding internal structure of the earth ? Briefly describe the internal structure of the earth according to Suess.

Section—C

Note : Attempt any *three* questions. Your answer should be in **600** words each.

3×15=45

7. What are the different types of weathering ? Describe any *four* processes involved in chemical weathering.
8. Explain different types of glaciers. Elaborate any *five* different glacial landforms with suitable examples.
9. Elaborate the applications of remote sensing technology in geomorphic mapping and landform analysis.

10. Describe the nature and scope of geomorphology. Explain the history of development of geomorphology from ancient period to the present.
11. Explain surface hydrology. Describe key aspects of surface hydrology with respect to precipitation and runoff.

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