

**M.Sc. 1st Semester Examination, 2024**

**GEOGRAPHY**

*(Geomorphology)*

PAPER—GEO-102

*Full Marks : 25*

*Time : 1 hour*

**Answer all questions**

*The figures in the right hand margin indicate marks*

*Candidates are required to give their answers in their own words as far as practicable*

**GROUP – A**

**Answer any two questions : 2 × 2**

1. Define channel-scale resistance.
2. What is meant by boundary condition ?

3. Define cation exchange capacity.
4. What is etchplain ?

GROUP – B

Answer any **two** questions : 4×2

5. Explain the self-regulatory nature of landscapes.
6. Write on the physical stresses responsible for physical weathering.
7. Assess geomorphic significance of river terrace.
8. Explain different ideas of equilibrium applied in geomorphology.

GROUP – C

Answer any **one** questions : 8 × 1

9. Elucidate the theories of floodplain development.

10. Examine the role of geomorphology in hazard management citing suitable examples preferably from your locality.

[ **Internal Assessment – 5 Marks** ]

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