

M.Sc. (Part—I) Semester—II (CBCS Scheme)
Examination
GEOLOGY
Paper—VIII
(Geomorphology and Field Geology)

Time—Three Hours]

[Maximum Marks—80

Note :— (1) All questions are compulsory and carry equal marks.

(2) Draw neat sketches wherever necessary.

1. Write in detail about the fundamental concepts of geomorphology.

OR

Explain in detail about the rock weathering and mass wasting.

2. Write in brief on the following :—
 - (a) Drainage pattern.
 - (b) Stream meandering.

OR

- (c) Morphometric analysis.
- (d) Fluvial geomorphology.

3. Explain in detail about the volcanic landforms and their geomorphic significance.

OR

Explain in detail about the applications of GIS in geomorphology.

4. Write in brief on the following :—

- (a) Importance of Field Geology.
- (b) Topographic forms.

OR

- (c) Interpretation of contour maps.
- (d) Mapping of Igneous terrain.

5. Write in detail on the following :—

- (a) Prismatic compass.
- (b) Air photography.

OR

- (c) Clinometer compass and its use.
- (d) Stereoscope and its vision.