

October 2025
B.A./B.Sc.
Third Semester
MAJOR – 3
GEOLOGY
Course Code: GLM 3.11
(Geomorphology)

Total Mark: 50

Pass Mark: 20

Time: 2 hours

I. Answer the following questions.

1. (a) Explain large scale mountain ranges with emphasis on the Himalayas. 12
OR
(b) Explain degradational and aggradational landforms. 12
2. (a) Give a description on tectonics and drainage development with suitable illustrations. 12
OR
(b) Discuss the theories of landscape evolution proposed by Davis and Penck. 12
3. (a) Discuss the aeolian processes and landforms. 12
OR
(b) Explain the main fluvial processes in rivers. 12

II. Answer any two of the following questions.

4. Explain the endogenic and exogenic processes. $3\frac{1}{2}+3\frac{1}{2}=7$
5. Give an overview of Indian geomorphology. 7
6. Write a note on glacial and fluvio-glacial deposits. $3\frac{1}{2}+3\frac{1}{2}=7$