

2024
B.A./B.Sc.
Second Semester
CORE – 3
GEOLOGY
Course Code: GLC 2.11
(Geomorphology)

Total Mark: 70
Time: 3 hours

Pass Mark: 28

Answer five questions, taking one from each unit.

UNIT-I

1. Explain how endogenic and exogenic processes shape the geomorphology of the Earth's surface. 14
2. Write notes on the following: 7×2=14
 - (a) Degradation and aggradation
 - (b) Extraterrestrial processes

UNIT-II

3. Discuss on the large-scale topography of the ocean basins. 14
4. Write notes on the following: 7×2=14
 - (a) Plate tectonic overview
 - (b) Topography

UNIT-III

5. Give an account on the fluvial processes and landforms with illustrations. 14
6. Write notes on the following: 7×2=14
 - (a) Glacial erosional landforms
 - (b) Mechanical weathering and its types

UNIT-IV

7. Explain tectonics and drainage development with suitable illustrations. 14
8. Write notes on the following: 7×2=14
- (a) Rates of uplift and denudation
 - (b) Penck's model of landscape development

UNIT-V

9. Give an account on the northern mountains of India. 14
10. Write notes on the following: 7×2=14
- (a) The great plains of India
 - (b) Overview of Indian deserts
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