

**2023**  
**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 anthropogenic processes shape the geomorphology of the Earth's surface. 14
2. Write notes on the following: 7×2=14
  - (a) Introduction to geomorphology
  - (b) Endogenic processes and diastrophism

**UNIT-II**

3. Explain large scale mountain ranges with emphasis on the Himalayas. 14
4. Write notes on the following: 7×2=14
  - (a) Topography
  - (b) Hypsometry

**UNIT-III**

5. Give the erosional and depositional landforms created by aeolian processes with neat sketches. 14
6. Write notes on the following: 7×2=14
  - (a) Landforms developed by coastal processes
  - (b) Chemical weathering and its types

#### UNIT-IV

7. Explain Davis model of landscape development with neat sketches. 14
8. Write notes on the following: 7×2=14
- (a) Drainage patterns
  - (b) Sea level change

#### UNIT-V

9. Give an account on the Indian peninsula. 14
10. Explain the geomorphological features of the islands of India. 14
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