

2022
B.A./B.Sc.
Fifth Semester
CORE – 12
GEOLOGY
Course Code: GLC 5.21
(Geomorphology)

Total Mark: 70
Time: 3 hours

Pass Mark: 28

Answer five questions, taking one from each unit.

UNIT-I

1. Explain the following: 7×2=14
 - (a) Degradational process
 - (b) Extraterrestrial process
2. Discuss about the various exogenic processes that occurs in nature. 14

UNIT-II

3. Write an account on ocean basins. 14
4. Write notes on the following: 7×2=14
 - (a) Plate tectonic overview
 - (b) Topography

UNIT-III

5. With a neat sketch, explain the geological action of river and the landforms created. 14
6. Write notes on the following: 7×2=14
 - (a) Pressure release fracturing
 - (b) Types of intrusive igneous structure

UNIT-IV

7. Explain the different methods of measurement and estimation in studying the rates of uplift and denudation. 14
8. Write notes on the following: 7×2=14
- (a) Davisian model of landscape evolution
 - (b) Stream terrace

UNIT-V

9. Explain hill slopes and the processes acting on it. 14
10. Write notes on the following: 7×2=14
- (a) Indo-Gangetic Plain
 - (b) Peninsular Plateau
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