

October 2025
B.A./B.Sc.
Third Semester
MAJOR – 4
GEOGRAPHY
Course Code: GGM 3.21
(Geomorphology)

Total Mark: 50
Time: 2 hours

Pass Mark: 20

I. Answer three questions, taking one from each unit.

UNIT-I

1. Discuss in detail the seismological evidence used to understand the internal structure of the Earth. 12
2. Write a note on each of the following: 6×2=12
 - (a) Mechanical and chemical weathering
 - (b) Major types of mass wasting

UNIT-II

3. Discuss in detail the theory of continental drift as postulated by Prof. Alfred Wegener. Also, state four evidence in support of the theory. 8+4=12
4. What is tectonic plate? Give detailed outline on the theory of plate tectonics by explaining the plate boundaries. 1+7+4=12

UNIT-III

5. What is a volcano? Explain in detail the different types of volcanoes:
 - (a) Based on frequency of eruption 1+5+6=12
 - (b) Based on nature of eruption
6. What are fluvial landforms? Explain the different types of fluvial erosion and discuss any three erosional and three depositional landforms formed by fluvial action. 2+4+6=12

II. Answer any two of the following questions.

7. Define geomorphology. Briefly explain the nature and scope of geomorphology. 1+6=7
 8. What are endogenetic forces? Discuss in detail the forces responsible for formation of continents and mountains. 1+6=7
 9. Differentiate between fold and fault. Explain any three types of fold with suitable diagram. 2+5=7
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