

**B.Sc. First Semester Examination (ESE)-2024
(CCFUP :NEP)**

[4 Years UG Programme]

GEOGRAPHY

PAPER CODE: UG/I/GEO/4/ MJ-1T

[Geotectonics & Geomorphology]

Full Marks: 40

Time: 02 Hrs

*The figures in the margin indicate marks.
Candidates are required to give their answers
in their own words as far as practicable.*

Group A

Answer any five questions of the following

5x2=10

1. What is Carbon dating?
2. What is meant by Bourguer Gravity Anomaly?
3. Define the superimposed River with example.
4. What is the Geosyncline?
5. What is meant by “Seismic Shadow Zones”?
6. What is a transform fault margin?
7. What is a consequent drainage pattern?
8. Define the term ‘Dynamic Equilibrium’ as proposed by Hack.

(2)

Group B

Answer any four questions of the following: 4x5=20

9. Give two evidence in support of Continental Drift theory proposed by A.Wegner.
10. Explain the formation of Glacial Through landform.
11. What are the basic assumptions of cyclic concept of W.M.Davis?
12. How does the interaction between structural control and climatic factors influence drainage pattern evolution? Illustrate with examples.
13. Explain the formation of different types of moraines with diagrams.
14. Differentiate between Primarumpf and Endrumpf.

Group C

Attempt any one question of the following: 1x10 = 10

15. Explain the concept of Cycle of erosion after Walther Penck.
 16. Explain the processes and resulting landforms of convergent plate margins with suitable diagrams.
-