

**Geography [MAJOR]
[NEP-CBCS]**

B.Sc. First Semester End Examination-2023

PAPER: GEOH-MJ 101T

[Geomorphology]

Full Marks: 40

Time: 02 Hrs

The figures in the right hand margin indicate marks.

Candidates are required to give their answers in their own words as far as practicable.

Illustrate the answers wherever necessary.

Group A

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

- 1) Classify fold and write the characteristics of different types of fold with suitable sketches.
- 2) Explain with diagram the cycle of erosion theory proposed by W. M. Davis.

Group B

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

- 3) Write a short note on different types of mechanical weathering.
- 4) Write the characteristics of different types of plate boundaries.

(2)

- 5) Elucidate on the interior structure of the earth with suitable sketches.
- 6) Discuss the erosional landforms developed on Karst topography region.
- 7) Differentiate oceanic crust from continental crust.
- 8) How does inversion of relief develop in folded structure?

Group C

Answer any five questions of the following:

2x5 = 10

- 9) Define gravity anomaly.
 - 10) What is oxidation?
 - 11) What is solifluction?
 - 12) Distinguish between normal fault and reverse fault.
 - 13) What is Barkhan?
 - 14) What is meant by level of compensation?
 - 15) What do you mean by shadow zone?
 - 16) What is 'Beni off zone'?
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