

Geography [Major]**[NEP]****B.Sc. First Semester End Examination-2024****[Regular and Supplementary Paper]****PAPER-GEO-MJ-101T****[Geomorphology]****Full Marks: 40****Time: 02 Hrs.***The figures in the right hand margin indicate full 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 from the followings: 1x10=10**

Explain the concept of Landforms evolution following J.T.Hack.

How does it differ from that of W.M.Davis? 7+3

What is meant by inversion of relief? Explain the drainage pattern developed on folded structure. 2+8

Group-B**Answer any four questions from the following: 4x5=20**

Illustrate Pratt's concept of isostasy.

Explain the mechanism of erosion by river.

(2)

5. Explain the favourable factor for development of karst topography.
6. Classify faults and mention their characteristics with suitable diagram.
7. Explain the assumptions of Penk's cycle of erosion.
8. Explain the role of plate movement in generating island area and trenches along continental margins.

Group -C

Answer any five questions of the following:

5x2 = 10

9. Define asymmetric fold.
 10. How does a Barkhan develop?
 11. What is oxidation?
 12. What is hogback?
 13. Define solifluction.
 14. Define endrumft .
 15. What is Benioff zone?
 16. What is polje?
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