

This question paper contains 2 printed pages]

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S. No. of Question Paper : 808

Unique Paper Code : 219104

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Name of the Paper : GEHT-103 Geomorphology & Photogeology

Name of the Course : B.Sc. (Hons.) Geology

Semester : I

Duration : 3 Hours

Maximum Marks : 75

(Write your Roll No. on the top immediately on receipt of this question paper.)

Attempt any *five* questions.

All questions carry equal marks.

1. Compare and contrast the effects of flowing water and wind on landform generation.
2. Discuss any *two* of the following concepts :
 - (a) Magnitude and frequency
 - (b) Difference between static, steady state and dynamic equilibrium
 - (c) Stream Power
3. Explain erosional landforms developed by Glaciers.
4. Explain the difference between the landscape evolution model given by Hack and Penck.

P.T.O.

5. Differentiate between any *three* :
 - (a) Translational slide and Rotational slide
 - (b) Estuary and Delta
 - (c) Suspended load and Bed load
 - (d) Meandering river and straight river.

6. Write short notes on :
 - (a) Three photocentres
 - (b) Absolute parallax of a point
 - (c) Accommodation and convergence
 - (d) Vertical exaggeration

7. What is topographic displacement ? Derive the formula to calculate the topographic displacement

8. Describe in detail basic principles of photo interpretation.