

B.Sc. CBCS Pattern Semester-V
USGEOT010 - Geology Paper-II
(Elements of Remote Sensing and Geomorphology)

P. Pages : 2

Time : Three Hours



GUG/W/23/13124

Max. Marks : 50

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- Notes : 1. All questions are compulsory and carry equal marks.
2. Draw neat sketches wherever necessary.

1. Describe with neat sketches pocket stereoscope and mirror stereoscope. **10**

OR

Write short notes on:

- a) Method of studying aerial photos in the form of mosaics and stereo pairs.
- b) Applications of remote sensing in geology.

2. Describe various guidelines used for structural interpretation of aerial photographs. **10**

OR

Write short notes on:

- a) Tone and Texture of aerial photographs.
- b) Concept of convergence of evidence in photo interpretation.

3. Describe the process of mass wasting and add a note on its related landforms. **10**

OR

Write short notes on:

- a) Types of drainage patterns (any two).
- b) Scope and aims of Geomorphology.

4. Describe various land forms observed in karst topography. **10**

OR

Write short notes on:

- a) Mackin's concept of a Graded Stream.
- b) Aeolian depositional Landforms.

5. Write the following is not more than two sentences solve **any ten**.

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- a) Satellite Imagery.
- b) Drift and crab.
- c) Overlap.
- d) Photogrammetry.
- e) Shape as a recognition element.
- f) Pattern.
- g) Escarpment.
- h) Graded Stream.
- i) Applied geomorphology.
- j) Polje.
- k) Fault line Scarp.
- l) Obsequent rift block mountain.
