

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

P. Pages : 1

Time : Three Hours



**GUG/S/25/13124**

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

**OR**

Write short notes on:

- a) Method of studying aerial photos in the form of mosaics and stereopairs.
- 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.
- b) Scope and aims of Geomorphology.

4. Describe various land forms of karst topography. **10**

**OR**

Write short notes on:

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

5. Write the following in not more than two sentences solve **any ten**. **10**

- a) Satellite Imagery
- b) Drift and Crab
- c) Overlap
- d) Photogrammetry
- e) Shape as a recognition element.
- f) Pattern
- g) Escarpment
- h) Weathering
- i) Applied geomorphology
- j) Cliff
- k) End Moraine
- l) Yardangs.

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