

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

P. Pages : 2

Time : Three Hours



**GUG/W/24/13124**

Max. Marks : 50

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

1. What is remote sensing? Describe its scope & aim in Geology.

**OR**

Describe the following-

- a) Types of Aerial photographs
- b) Pocket stereoscope

2. Describe the guidelines for lithology & geomorphic interpretation in aerial photography.

**OR**

Describe the following.

- a) Tone & Texture
- b) Guidelines for structural interpretation

3. What is Geomorphology? Describe its scope & aim.

**OR**

Describe the following-

- a) Weathering
- b) Mass-wasting related landforms

4. Describe the erosional & depositional landforms formed by wind.

**OR**

Describe the following.

- a) Karst topography
- b) Applied geomorphology

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

- a) Mirror Stereoscope
- b) Aerial camera
- c) Satellite imagery
- d) Pattern on aerial photos
- e) Shape as Recognition element.
- f) Shadow
- g) Graded streams
- h) Pot-hole
- i) Sand bars
- j) Morain
- k) Mesa
- l) Drumlins

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