

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

P. Pages : 1

Time : Three Hours



GUG/S/23/13124

Max. Marks : 50

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

1. Define Remote sensing and give their scope and Aim in Geology.

**OR**

Write short note on:

- a) Pocket Stereoscope
- b) Mirror Stereoscope

2. Write importance of concept of convergence of evidence in photointerpretation.

**OR**

Write a note on the following.

- a) Guideline for structural interpretation in Remote sensing.
- b) Photographic expression of composition of Rock in Aerial photographs.

3. Write an essay on principles of uniformitarianism.

**OR**

Write short note on the following.

- a) Mass wasting.
- b) Scope and aim of Geomorphology.

4. Give a brief account of “Karst topography”.

**OR**

Write a note on:

- a) Give a brief idea about Applied Geomorphology.
- b) Explain topography developed over folded structure.

5. Write a short note on following solve **any ten**.

- a) Satellite imagery
- b) Mosaic
- c) Type of Aerial Photographs
- d) Size
- e) Shadow
- f) Vegetation
- g) Dendritic drainage pattern
- h) Meandering
- i) Ox-bow lake
- j) Natural levee
- k) Drumline
- l) Tillites

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