

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

P. Pages : 1

Time : Three Hours



GUG/W/22/13124

Max. Marks : 50

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

1. What is remote sensing? Describe its scope and aims.

OR

Describe the followings:

- a) Flight adopting aerial photos
- b) Pocket stereoscope

2. Describe the photographic expression of various geological features.

OR

Describe the following:

- a) Guidelines for lithologic interpretation
- b) Describe the various factors affecting on photographic expression

3. Describe various types of drainage pattern

OR

Describe the following:

- a) Scope and aim of geomorphology.
- b) Erosional landforms developed by fluvial action.

4. Give a brief account of aeolian landforms.

OR

Describe the following:

- a) Stalactites and stalagmites
- b) Topography developed over faulted structure

5. Write on the following in not more than two sentence **any ten.**

- a) Infrared photography
- b) Satellite imagery
- c) Mosaics
- d) Tone
- e) Texture
- f) Shadow
- g) Landslides
- h) Meandering
- i) Delta
- j) Dolines
- k) Yardangs
- l) Varve clays
