B.Sc. (CBCS Pattern) Sem-V

USGEOT010 : Geology Paper-II : Elements of Remote Sensing and Geomorphology

P. Pages : 1 **GUG/W/22/13124**

Time : Three Hours * 3 7 6 0 * Max. Marks : 50

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

1. Write a note on the following. **10**

a) Scope and aim of Remote sensing in Geology.

b) Aerial photograph.

OR

Describe in details the Mirror stereoscope.

2. Give a detailed guidelines for Lithologic, structural and geomorphic interpretation. **10**

OR

Write a note on the following

a) Photographic expression of climate and vegetal cover on aerial photo.

b) Photographic expression of composition of Rock and weathering on Aerial photos.

3. Write an essay on "Present is a key to the past". **10**

OR

Write a short on the following.

a) Describe Fluvial cycle of erosion.

b) Drainage pattern's

4. Give a brief note on concept of morphometric region. **10**

OR

Write note on the following.

a) Describe glacial cycle.

b) Pedestal Rock and Barchan.

5. Write a short note on following solve **any ten**. **10**

a) Mosaic b) Stereopairs

c) FCC d) Tone

e) Texture f) Shape

g) Geomorphology h) Creep

i) Weathering j) Doline

k) Pothole l) Blind valley

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