B.Sc. 6th Semester (Honours) Examination, 2021 (CBCS)
Subject: Geology
Paper: CC 13
(Geomorphology, Remote Sensing & GIS)

Time: 2 hours   **Full Marks: 40**

The figures in the margin indicate full marks
Candidates are required to give their answers
in their own words as far as practicable

1. **Answer *any eight* of the following questions.**   8x5=40

(a)   Describe 'Platforms' in remote sensing?

(b)   What is vertical exaggeration?

(c)   How would you determine scale of an Air Photo?

(d)   Explain advantages of satellite imagery over aerial photograph.

(e)   Explain active and passive remote sensing.

(f)   What do you mean by vector and raster data in GIS?

(g)   What do you mean by supervised image classification?

(h)   Distinguish between normal photo and drifted photo.

(i)   How do 'shape' and 'shadow' of an aerial photograph help in feature identification?

(j)   Describe atmospheric window.