

M. Sc. 1st Semester Examination, 2024

REMOTE SENSING AND GIS

(Photogrammetry and Geodesy)

PAPER – RSG-105

Full Marks : 25

Time : 1 hour

Answer all questions

The figures in the right hand margin indicate marks

*Candidates are required to give their answers in
their own words as far as practicable*

Illustrate the answers wherever necessary

GROUP—A

Answer any two questions : 2 × 2

1. How is scale defined in aerial photography ?

(Turn Over)

2. Define geodesy.
3. Define fiducial marks.
4. What is locally defined 'Datum' ?

GROUP—B

Answer any **two** questions : 4 × 2

5. What is the difference between vertical and oblique aerial photographs ?
6. What are Ground Control Points (GCPs) and why are they important for rectification ?
7. What is the difference between binocular vision and stereoscopic vision ?
8. Define WGS84 datum, explaining all the parameters to define it.

