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MGY-102

**POST GRADUATE CERTIFICATE IN
GEOINFORMATICS/
POST GRADUATE DIPLOMA IN
GEOINFORMATICS/
M. SC. (GEOINFORMATICS) (REVISED)
(PGCGI/PGDGI/MSCGI)**

Term-End Examination

December, 2025

**MGY-102 : REMOTE SENSING AND IMAGE
INTERPRETATION**

Time : 2 Hours

Maximum Marks : 50

Note : *All questions are compulsory. Marks for
each question are indicated against it.*

A-405/MGY-102

P. T. O.

1. Write short notes on any *four* of the following : 4×5=20

- (a) Energy-atmosphere interactions
- (b) Across-track Scanning System
- (c) Cartosat
- (d) Applications of Aerial Photographs
- (e) Ground Truth Data
- (f) Contrast Image Enhancement

2. Describe Remote Sensing System. 10

Or

Define Spectral Signature. Describe spectral signature of vegetation.

3. Discuss various types of image resolutions in optical remote sensing. 10

Or

Discuss in detail the elements of visual interpretation, giving suitable examples.

[3]

4. Define Digital Image and discuss its various types. Add a note on image histogram and its significance. 10

Or

Describe Unsupervised and Supervised image classification methods.

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