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MGY-102

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

Term-End Examination

June, 2026

**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.*

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

- (a) Properties of EMR
- (b) RISAT Series
- (c) Image Interpretation Keys
- (d) Land Cover/Land use map
- (e) Image corrections
- (f) Supervised Image Classification

2. Define remote sensing. Explain the role of energy-earth interaction in remote sensing. 10

Or

Describe spectral signature of water, mineral and soils. 10

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3. Discuss in detail various types of remote sensing platforms. 10

Or

What is remote sensing data product ?
Discuss its types. 10

4. Explain various types of sampling patterns used in ground truth data collection. 10

Or

What is image transformation ? Describe any *two* image transformation techniques. 10

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