

No. of Printed Pages : 2

MGY-002

**POST GRADUATE CERTIFICATE IN
GEOINFORMATICS
(PGCGI)**

Term-End Examination

December, 2025

**MGY-002 : REMOTE SENSING AND IMAGE
INTERPRETATION**

Time : 2 Hours

Maximum Marks : 50

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

-
1. Write short notes on any six of the following : 6×5=30
- (a) Electromagnetic spectrum
 - (b) Interaction of light with water
 - (c) Relationship between different types of resolutions

A-406/MGY-002

P. T. O.

- (d) Japanese Earth Resource Satellites
 - (e) Steps in producing a land use land cover map
 - (f) Image histogram and its importance
 - (g) Image fusion
 - (h) Spatial enhancement
2. What is spectral signature ? Discuss spectral signature of vegetation. 10

Or

Explain orbits and their types. Give neat and well-labelled diagrams, wherever necessary.

3. What do you understand by ground truth data ? Discuss in detail the various types of ground truth data. 10

Or

Give an account of radiometric distortions and their correction techniques.

× × × × ×