

No. of Printed Pages : 3

MGY-101

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

Term-End Examination

June, 2026

**MGY-101 : INTRODUCTION TO
GEOINFORMATICS**

Time : 3 Hours

Maximum Marks : 75

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

1. Discuss the recent trends in GIS. 15

Or

Discuss in detail about ERDAS and MATLAB.

2. Discuss in detail the role of contours in identification of various physical features on a topographical map with the help of neat diagrams. 10

Or

Discuss the sources of raster data.

3. Discuss the role of geoinformatics in natural resources management. 10

Or

Discuss the developments and recent trends in remote sensing.

4. Discuss the application of geoinformatics in health and forensic studies. 10
5. Describe the different types of map elements. 10
6. Write short notes on any *four* of the following : 4×5=20

(a) Open source geospatial consortium

(b) Spatial Data

- (c) Universal Transverse Mercator (UTM)
Projection
- (d) Open series map
- (e) SAGA
- (f) LULC classification system

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