

No. of Printed Pages : 3

MGY-101

**POST GRADUATE CERTIFICATE IN
GEOINFORMATICS (REVISED)/ POST
GRADUATE DIPLOMA IN
GEOINFORMATICS/M. SC.
(GEOINFORMATICS)
(PGCGI/PGDGI/MSCGI)
Term-End Examination
December, 2025**

**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 sources of DEM data. 15

Or

Elaborate coordinate systems.

B-1748/MGY-101

P. T. O.

2. Discuss the role and contribution of agencies in India that have played a significant role in the development of geoinformatics technologies. 10

Or

Discuss the applications of geoinformatics in agriculture.

3. Discuss the sources of vector data. 10

Or

List and discuss the programming languages commonly used to perform geospatial analysis.

4. Differentiate between data and information.
Discuss the types of data. 10
5. Define geoinformatics. Discuss the various components of geoinformatics. 10

[3]

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

- (a) Environment for Visualizing Images (ENVI)
- (b) Location Based Services (LBS)
- (c) Role of geoinformatics in e-Governance
- (d) Python Programming
- (e) Data quality issues
- (f) Reading of topographical maps

× × × × ×