

POST GRADUATE DIPLOMA IN

GEOINFORMATICS/M. SC.

(GEOINFORMATICS) (PGDGI/MSCGI)

Term-End Examination

December, 2024

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. (a) Discuss the various components of geoinformatics. 15

Or

- (b) Discuss the recent trends in remote sensing.

2. (a) Describe the various types of raster data. 10

Or

- (b) Define COTS, its usage, functionality and advantages.

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3. (a) Discuss any three programming languages. 10

Or

- (b) Explain the various map elements.
4. Discuss the role of contours in classification of various physical features on a topographical map with the help of neat diagrams. 10
5. Give an account of the role of geoinformatics in e-governance. 10
6. Write short notes on any four of the following : 4×5=20

- (a) Role of geoinformatics in air pollution monitoring
- (b) Role of geoinformatics in Forensic Science
- (c) Geoinformatics products
- (d) Location-based services (LBS)
- (e) DEM
- (f) MATLAB

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