

No. of Printed Pages : 2

MGY-103

**POST GRADUATE DIPLOMA IN
GEOINFORMATICS (PGDGI)**

Term-End Examination

June, 2024

**MGY-103 : GLOBAL NAVIGATION
SATELLITE SYSTEM AND GEOGRAPHIC
INFORMATION SYSTEM**

Time : 2 Hours

Maximum Marks : 50

Note :- All questions are compulsory. Question No. 2 to 4 have internal choices. The marks for each question are indicated against it.

1. Write short notes on any *four* of the following :

- (i) Space segments of GNSS
- (ii) Differential GPS
- (iii) Vector data structure
- (iv) Rubber sheeting
- (v) Area definition
- (vi) Zonal operations

4×5=20

P.T.O.

[2]

MGY-103

2. Discuss the planning elements of GPS survey.

Or

Discuss in detail the master data structure. 10

3. What is topology ? Explain the topological models with suitable diagrams.

Or

What is data query ? Explain in detail the spatial data query. 10

4. Discuss in detail the types of GNSS receivers and data formats.

Or

What is data linkage ? Explain the linking of spatial data with non-spatial data. 10
