

No. of Printed Pages : 3

MGY-103

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

**Term-End Examination
December, 2025**

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

Time : 2 Hours

Maximum Marks : 50

Note : *All questions are compulsory. Internal choices are given in Question Nos. 2 to 4. The mark of each question are indicated against it.*

B-1749/MGY-103

P. T. O.

1. Write short notes on any *four* of the following : 4×5=20
- (a) Stages of Map Design
 - (b) Digital Elevation Model
 - (c) Components of GIS
 - (d) Advantages and disadvantages of raster data
 - (e) Buffer operation
 - (f) Devices used in raster data input
2. Give a comparative account of the important characters of GLONASS, GPS, GALILEO and Beidou. 10

Or

What is Data Integration ? Discuss various methods of data integration.

3. Discuss the steps for carrying out GNSS based field survey procedures. 10

Or

Discuss various aspects of cartographic representation of GIS data.

[3]

4. Give an account of neighbourhood operations employed in raster data analysis.

10

Or

Discuss the various sources and types of errors in GIS.

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