

Roll No.

Total Pages : 2

CMDQ/M-24

5580

GIS TECHNOLOGY

Paper–GT–804

Time Allowed : 3 Hours]

[Maximum Marks : 100

Note : Attempt **five** questions in all, selecting **one** question from each Unit. Question No. **1** is compulsory. All questions carry equal marks.

Compulsory Question

1. Answer the following briefly :

- (a) TIN. (b) Data redundancy.
(c) GIS. (d) GCP.
(e) Digitizer.

UNIT-I

2. Discuss the future applicability of GIS technology.
3. Discuss any two Software(s) which are popularly used in GIS analysis giving their advantages.

UNIT-II

4. Write short notes on any **two** of the following :
(a) Spatial information. (b) Hard Disk.
(c) DVD technology.

5. Describe the concept of thematic layers and its utility in GIS.

UNIT-III

6. Write short notes on any **two** of the following :
(a) Precision.
(b) Sources of error.
(c) Overlay operation.
7. Describe the Spatial arrangements in GIS.

UNIT-IV

8. Write short notes on any **two** of the following :
(a) Map production in GIS.
(b) Satellite constellation for GPS.
(c) Use of atomic clocks in GPS.
9. Discuss the applications of Digital elevation model.