

Gujarat University
Question Bank
Subject – GIS and GPS
Branch – Information Technology Semester VII

1	Explain Mapping Process in detail.
2	Explain cartographic Modeling in detail.
3	How is Vector Data represented?
4	Explain Object-Oriented data representation in GIS.
5	Give classification of standards in GIS.
6	Give advantages of Raster -based GIS.
7	Give various classes of Map.
8	Why GIS is considered as special Class of information system?
9	Give difference : (1) Raster Model and Vector Model (2) A Data file and A Database (3) Geodetic and Vertical Datum
10	Explain various issues for implementing GIS.
11	How Software Engineering implemented in GIS.
12	Explain various issues of implementing GIS.
13	Explain Approaches to digital terrain data modeling
14	Describe Spatial modeling in detail.
15	Write a short note on Vector based GIS data processing.
16	Give principles of cartographic design in GIS.
17	Write a short note on Spatial data error management.
18	Explain Topographic mapping.
19	What are the Technical issues to digital representation of data?
20	Write a short note on Data quality assessment.
21	Definition of GIS and Evolution of GIS.
22	Explain Component of GIS.
23	Explain Quadrate counts and Nearest- Neighbor analysis,
24	Explain Relationship between Data representation and Data analysis.
25	Explain different Coordinate systems used in GIS.
26	Explain Spatial framework for mapping locations.
27	Explain Technical issues to digital representation of data.
28	Explain Attribute data for Thematic mapping.
29	Explain Concepts and definition of data quality.
30	Explain Component of geographic data.
31	Explain Geographic data standards.
32	Explain Human computer interaction and GIS
33	Explain Visualization of geographic information.
34	Explain Digital Terrain Modeling.
35	Approaches to digital terrain data modeling
36	Explain Acquisition of digital terrain data, Data processing.
37	Explain Trend surface analysis, Gravity models.
38	Explain GIS Issues And Future Of GIS
39	Issues of implementing GIS
40	GIS applications and GIS users.