

Seat No.: _____

Enrolment No. _____

GUJARAT TECHNOLOGICAL UNIVERSITY

B.PLAN - SEMESTER–VIII EXAMINATION – SUMMER 2019

Subject Code:1085502

Date:13/05/2019

Subject Name: GIS & Master Planning

Time:10:30 AM TO 12:30 PM

Total Marks: 40

Instructions:

- 1. Attempt all questions.**
- 2. Make suitable assumptions wherever necessary.**
- 3. Figures to the right indicate full marks.**

1. What is Network Analysis? Explain any one method of Network analyst in brief. (10 Marks)

OR

Explain in brief (any two)

- a) Network Dataset
- b) Location – Allocation
- c) OD Cost Matrix

2. What are the contents of Map Generation in GIS? Explain in brief Thematic Layers. (10 Marks)

OR

What is geo-referencing? What are the types geo-referencing? Explain any one in brief.

3. What are the types of GPS Surveys? Explain any two Types in brief. (10 Marks)

OR

What are the types of data in GIS? Explain data acquisition for Master Planning using GIS.

4. Explain in brief any two. (10 Marks)
 - a. Geo-database
 - b. Polynomial Order
 - c. GCP
 - d. Ground truthing
 - e. Latitude, Longitude, Prime meridian, Equator
