

GUJARAT TECHNOLOGICAL UNIVERSITY
B.PLAN - SEMESTER- 2 EXAMINATION – WINTER 2017

Subject Code:1025506**Date: 03/01/2018****Subject Name: Techniques of Planning - I****Time:02:30 to 04:30 PM****Total Marks: 50****Instructions:**

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

- Q.1 (a)** Fill in the blanks. **05**
- 1) The total sum of a pie diagram is always _____.
 - 2) Hatch Pattern of marking can be used to identify _____ feature.
 - 3) Red is identified color for _____ landuse.
 - 4) Time period of an Action Plan can be upto _____ years.
 - 5) Self survey, Interview and Mailed questioners are part of _____ survey.
- (b)** Write down the sentences are True or False **05**
- 1) Spatial data can be represented with a use of Charts and Diagrams
 - 2) Ariel Photography are part of a physical Surveys
 - 3) Scale for Regional Level basemap is smaller than a City Level basemap.
 - 4) North Arrow and Key Map are the essential part of a Base Map.
 - 5) Representation of a spatial data is always in black and white form.
- Q.2 (a)** Explain any two sampling techniques with example **05**
- (b)** What is the purpose of Mapping in Planning? Explain in brief. **05**
- OR**
- (b)** What is landuse classification? How it is useful in mapping? **05**
- Q.3 (a)** What are the types of Socio Economic Surveys? **05**
- (b)** Describe the essential elements of a Base Map **05**
- OR**
- Q.3 (a)** What are the difference between Spatial data and Non- Spatial data? **05**
- (b)** What are the difference between Primary data & Secondary data? **05**
- Give examples.
- Q.4 (a)** Explain the representation techniques of Spatial Data on a Base Map **05**
- (b)** What is Built and Un-built area? How it should be represented on a map **05**
- OR**
- Q.4 (a)** Explain the representation techniques of Statistical data in Analysis **05**
- (b)** What kind of data we can explain through Bar Charts and Pie Charts? Explain with example and graphs. **05**
- Q.5** Ahmadabad Municipal Corporation is planning to conduct a Household and Socio-Economic Survey of all the slums existing in the city. As a Town Planner you have given responsibility to prepare a survey format for the mentioned survey. **10**
- Prepare a Sample Survey Format as per the requirement.
