

**GUJARAT TECHNOLOGICAL UNIVERSITY**  
**BPLAN – SEMESTER II • EXAMINATION – SUMMER 2015**

**Subject Code: 1025506****Date: 08/06/2015****Subject Name: TECHNIQUES OF PLANNING – I****Time: 10.30am-12.30pm****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)** (1) Town Planning is one of the important functions of \_\_\_\_\_ **06**  
 (a) Central Government (b) Prime Minister  
 (c) Urban Local Body (d) District Collector  
 (2) The ----- is a statutory document prepared under various State / central acts for orderly and systematic development of the urban towns  
 (a) Annual Plan (b) Development Plan  
 (c) Financial Budget (d) Survey Plan  
 (3) ----- Plans have a 'vision' and are prepared for 25-30 years projections for future.  
 (a) Master Plan (b) Regional Plan  
 (c) Perspective Plan (d) Zonal Plan  
 (4) Cremation and Burial Grounds are identified as \_\_\_\_\_ in Land-use Category.  
 (a) Public / Semi-public Use (b) Recreational Use  
 (c) Commercial Use (d) Government Use  
 (5) \_\_\_\_\_ data means the data collected for the first time on field.  
 (a) Tertiary (b) Confidential  
 (c) Primary (d) Secondary  
 (6) Census means collecting information about ----- elements  
 (a) Samples (b) Alternate  
 (c) Each (d) Human
- (b)** Define following terms: (Any Four) **04**  
 (1) Census and Sample survey  
 (2) Population Density  
 (3) Floor Space Index  
 (4) Gross Neighborhood Density  
 (5) Literacy rate  
 (6) Mixed Land use
- Q.2 (a)** What is 'Planning'? Why is it called 'multi-disciplinary'? **05**
- (b)** What are the basic objectives of planning? What are the different levels of planning? **05**

**OR**

- (b) Is it necessary to plan at different levels? Explain in your own words? **05**
- Q.3** (a) What is a Base Map? Why is it important? Write down any five features you will show on the base map of your town. **05**
- (b) What are the essentials and contents of a base map? **05**
- OR**
- Q.3** (a) What are the different sources of collecting information? **05**
- (b) Explain what are 'open-ended' and 'closed-ended' questions? Give proper examples. **05**
- Q.4** (a) What are the different types of sampling? Explain with examples. **05**
- (b) Write any three differences between Perspective Plan (regional level) and Development Plan (city level) **05**
- OR**
- Q.4** (a) What is a 'Town' as per census of India? How are they classified? **05**
- (b) What parameters should be covered while conducting 'Transportation' related survey in a town? **05**
- Q.5** (a) What are the different types of surveys conducted in an existing town for planning or redevelopment purpose? Explain in brief. **05**
- (b) What are the different types of densities? What do you understand by 'density survey'? **05**
- OR**
- Q.5** (a) How do you differentiate between a neighborhood, community and sector (or district) as a planning unit? Explain with example of providing educational institute facility at different levels. **05**
- (b) Write a short note on 'Land-use' survey to be conducted in a town. How are the land-uses classified? **05**

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