

**GUJARAT TECHNOLOGICAL UNIVERSITY**  
**BPLAN- SEMESTER- 2 EXAMINATION – SUMMER 2016**

**Subject Code: 1025506****Date: 08/06/2016****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)** A perspective plan is designed for the duration of **06**
- (a) 2-5 years (b) 50-60 years  
(c) 20-30 years (d) 10-20 years
- (2)** Conventionally, which color is used to represent industrial land use in a development plan
- (a) Blue (b) Purple  
(c) Orange (d) Green
- (3)** Census data is
- (a) Primary source (b) Secondary source  
(c) Semi secondary source (d) None of the above
- (4)** A library will be permitted in which of the following land uses
- (a) Residential (b) Commercial  
(c) Public amenities (d) Recreation
- (5)** 1 hectare is how many square meters?
- (a) 10,000 (b) 100  
(c) 1000 (d) 10
- (6)** Which one of this is not a reason for increase in urban population
- (a) Migration (b) Natural growth of population  
(c) Reclassification of rural areas (d) Increase in area of urban boundaries
- (b)** Define following terms: (Any Two) **04**
- (1) Sample & Population  
(2) Urban & Rural  
(3) Perspective plan & Structure plan
- Q.2 (a)** What is planning and why it is called a multi-disciplinary field? **05**
- (b)** What is base map? Explain its various contents. **05**
- OR**
- (b)** Why is a base map important? Write down five features that you will show in a base map. **05**
- Q.3 (a)** Write down three differences between a master plan and a development plan **05**
- (b)** Why is it important to plan at different levels? Explain briefly model of planning from top to bottom **05**

**OR**

- Q.3** (a) Explain major differences between socio-economic surveys and technical surveys **05**  
(b) Explain in detail – population density survey, building age survey, land use survey **05**
- Q.4** (a) Define ‘urban’ as per census. Explain various classes of towns as per the same. **05**  
(b) Explain various reasons for urbanization **05**
- OR**
- Q.4** (a) What is a sample? Explain different methods of sampling **05**  
(b) What are different types of primary and secondary data? What are their sources? **05**
- Q.5** (a) Explain various land uses and their color coding. **05**  
(b) What are the purposes of preparing these maps? – Base map, Proposed land use map, Existing land use map **05**
- OR**
- Q.5** (a) What is a region? Why do we need to plan for a region **05**  
(b) How would you differentiate between a neighborhood, cluster and a sector? Explain with an example. **05**

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