

Seat No.: _____

Enrolment No. _____

GUJARAT TECHNOLOGICAL UNIVERSITY
BPLAN – SEMESTER 2– • EXAMINATION – SUMMER 2017

Subject Code: 1025506**Date: 01/06/2017****Subject Name: Techniques of Planning - I****Time: 10.30AM to 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 development 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 recreational land use in a development plan
- (a) Blue (b) Purple
(c) Orange (d) Green
- (3) Population census in India is conducted after every
- (a) 5 years (b) 10 years
(c) 20 years (d) Every year
- (4) Sample is a subset of universe
- (a) Always (b) Never
(c) Depends (d) Only when collecting primary data
- (5) 1 hectare is how many square kilometres?
- (a) 10 (b) 100
(c) 0.1 (d) 0.01
- (6) Fringe areas along the periphery of urban areas are called
- (a) Central business districts (b) Counter magnets
(c) Peri urban areas (d) Urban agglomeration
- (b)** Define following terms: (Any Two) **04**
- (1) Floor space index / Floor area ratio
(2) Graphical scale
(3) Rural
- Q.2 (a)** What all disciplines are required to be studied to study planning? **05**
- (b)** What are contents of a base map? **05**
- OR**
- (b)** What is scope and purpose of preparing a base map? **05**
- Q.3 (a)** Write down three differences between a perspective plan and an annual plan. **05**
- (b)** Explain process of planning. **05**
- OR**
- Q.3 (a)** Why do we need to conduct surveys? What are major types of surveys? **05**

- (b) What is a density survey? How to conduct a tree density survey for an area? **05**
- Q.4** (a) What is urban? What are various classes of towns as per Census of India? **05**
- (b) Explain various reasons for people migrating from rural areas to urban areas **05**
- OR**
- Q.4** (a) Why do we do sampling? What are various methods of sampling? **05**
- (b) What is a data? What are its major types and sources? **05**
- Q.5** (a) How are proposed land use and existing land use different? **05**
- (b) What is a town planning scheme? **05**
- OR**
- Q.5** (a) What are guidelines? How they are different from regulations? **05**
- (b) How would you differentiate between a neighborhood, cluster and a sector? **05**
Explain with an example.
