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? Explain with an example.	**05**

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