

GUJARAT TECHNOLOGICAL UNIVERSITY
BPLAN – SEMESTER III– • EXAMINATION – WINTER 2016

Subject Code: 1035503**Date: 21 /11/2016****Subject Name: Techniques of Planning - II****Time: 10:30 AM to 12:30 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)** (1) Which plan should be prepared for indicating proposed land uses for a region or an urban area **06**
- (a) Master Plan (b) Base Map
(c) Perspective Plan (d) Development Plan
- (2) Full form of PCU, in reference to transport analysis
- (a) Proportion car unit (b) Per car unit
(c) Peripheral count unit (d) None of the above
- (3) As per urban development guidelines, what should be ideal density (persons / ha) of a large city in hilly area
- (a) 75-100 (b) 100-150
(c) 60-90 (d) 125-175
- (4) A library should be provided in which designed land use zone in a development plan
- (a) Recreational zone (b) Public facilities
(c) Commercial (d) Social infrastructure
- (5) As per urban development guidelines, industrial land use zone is denoted with which colour
- (a) Red (b) Orange
(c) Blue (d) Purple
- (6) ECS for a bicycle is
- (a) 0.1 (b) 0.4
(c) 0.6 (d) 0.5

- (b) Define following terms: (Any Two) 04
 (1) Annual Plan
 (2) Infrastructure
 (3) Region
- Q.2** (a) How should we delineate a region for development? Of all the parameters, explain any one in detail. 05
- (b) What towns/cities are called special towns/cities? 05
- OR**
- (b) What are contents of these two maps 05
 (i) Existing land use map
 (ii) Figure ground map
- Q.3** (a) What are methods to classify planning regions? How is it practiced in India? 05
- (b) Write a note with example for planning an investment region in India. 05
- OR**
- Q.3** (a) How are planning regions classified in India? Explain with a diagram 05
- (b) Write a note with example for planning of an administrative region in India 05
- Q.4** (a) Do development regulations have any implications on the urban development? If yes, explain how? 05
- (b) Which departments are to be consulted for collecting data while preparing a development plan? 05
- OR**
- Q.4** (a) How can we boost development in to a region with the help of all the planning tools? 05
- (b) Explain various components like margins, building heights, ground coverage and FSI in reference of urban development? 05
- Q.5** (a) What are reasons for urbanization? 05
- (b) What is urban agglomeration? Explain with an example 05
- OR**
- Q.5** (a) Explain the principles on which New Delhi was designed. 05
- (b) Explain the principles on which Chandigadh was designed 05
