

Seat No: _____

Enrollment No: _____

PARUL UNIVERSITY
FACULTY OF ARCHITECTURE
M. Plan., Winter 2017 Examination

Semester: 1

Subject Code: 01201102

Subject Name: Planning Techniques

Date: 26/12/2017

Time: 10:00 am to 12:00 pm

Total Marks: 50

Instructions:

1. All questions are compulsory.
2. Figures to the right indicate full marks.
3. Make suitable assumptions wherever required.
4. Draw suitable sketches wherever required.

- Q:1** Explain the difference between a District Development plan and a City Development Plan. Also, explain the components of each document. **(10)**
- Q:2 Explain the following: (Any 5) (20)**
- a. Nesting and Rank Size
 - b. Analysis of Structure of Nodes
 - c. Land use classification and related consequences.
 - d. SWOT Analysis (with an illustration of any one city/town/area)
 - e. Threshold analysis
 - f. Input output analysis
- Q:3 Explain the terms: (Any 5) (10)**
- a. Sociogram
 - b. Ginni Ratio
 - c. Scalogram
 - d. Lorenz Curve
 - e. Region
 - f. Theil's index
- Q:4 Answer the following: (Any 2) (10)**
- a. Give an overview of General Development Control Regulations
 - b. Explain: URDPFI Guidelines
 - c. Enlist various methods of population projection and explain any 1