GUJARAT TECHNOLOGICAL UNIVERSITY

PDDC- Ist SEMESTER-EXAMINATION - DEC-2012

Subject code: X 10601 Date: 23-01-2013

Subject Name: Building and Town Planning

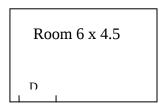
Time: 10.30 am – 01.30 pm Total Marks: 70

Instructions:

- 1. Attempt any five questions.
- 2. Make suitable assumptions wherever necessary.
- 3. Figures to the right indicate full marks.
- 4. Each question carry equal marks (14 marks)
- **Q.1** (a) The plot for the proposed construction of residential building has the following details:-
 - ➤ Plot area = 200sqmt , FSI = 0.90
 - ➤ Front margin = 3.0mt
 - ➤ Side and Rear Margin = 1.2 & 1.5mt

Draw plan of GF and FF, Elevation, Schedule of opening.

- **Q.2** (a) Draw the section of plan drawn in the above question will all the information i.e. show all dimensions and material information.
 - (b) What are the different Principal of planning explain in detail any three.
- **Q.3** (a) Explain the causes of slum and explain the improvement methods of slum.
 - (b) Define the term: a) Built Up Area b) F.S.I. c) Porch d) Mezzanine floor
 - (c) What are the different type of Building
- **Q.4** (a) Draw the two point prespective of following figure assume all other information if required



door size 1.5 X 2.1

- (b) Write short note on "Earthquake Resisting building".
- **Q.5** (a) Describe Neighbor hood Planning.
 - (b) Explain the necessity of town planning.
 - (c) Describe the civic survey
- **Q. 6** (a) Discuss with sketch Ribbon development and satellite town.
 - (b) Write detailed note on ancient town planning in India.
- **Q. 7** (a) Explain the term Zoning. Why it is required?
 - (b) Write detail note on "CBD"
 - (c) Explain "Origin and growth of town.
