GUJARAT TECHNOLOGICAL UNIVERSITY

PDDC-SEMESTER I- • EXAMINATION -WINTER- 2016

Subject Code: X 10601 Date:07/01/2017

Subject Name: Building and Town Planning

Time: 10:30 AM to 1:30 PM Total Marks: 70

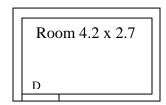
Instructions:

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 Semi detached building have the following details:-
 - ➤ Plot area = 200sqmt , FSI = 0.85
 - > Front margin = 3.0mt
 - ➤ Side Margin = 1.2
 - Back side margine = 1.4 mtr

Draw plan of GF with 2Bed Room, ,Hall, Kitchen with Dining and FF with Study room, Exercise room, music room, toilet etc., and with Elevation & Schedule of opening.

- **Q.2** (a) Draw the sectional elevation of Master Toilet having all accessory of plumbing and furniture etc.
 - (b) What is a building bye –laws and explain the term a) F.S.I. b) Margin c) Mezzanine floor
- **Q.3** (a) Design and Draw a plan of Multiplex having 3 theater, canteen, lift, different stall, parking etc take appropriate sizes and assumption.
 - (b) What are the precaution taken while planning a Elevated water tank as an earth quake resistant.
- **Q.4** (a) Draw the two point prespective of following figure, assume all other information if required door size 1.2 X 2.1



- (b) Write a short note on "Satellite Town"
- **Q.5** (a) Explain in detail "Slum improvement method".
 - (b) Enlist Different Survey used for Town planning and explain each in detail.
- Q. 6 (a) Differentiate between 1) Zoning and Reservation, 2) Row house

and flats

- (b) Explain Set back with sketch.
- (a) Write detailed note on ancient town planning in India.(b) Describe selection of site for Town. Q. 7
