Subject Code: X10601

GUJARAT TECHNOLOGICAL UNIVERSITY

PDDC - SEMESTER-I EXAMINATION - WINTER 2015

Date:28/12/2015

Subject Name: Building and Town Planning Time: 10:30am to 01:30pm **Total Marks: 70 Instructions:** 1. Attempt any five questions. 2. Make suitable assumptions wherever necessary. 3. Figures to the right indicate full marks. 0.1 (a) The plot for the proposed construction of residential building has the following 14 details:-Plot area = 250sqmt, FSI = 0.85Front margin = 3.0mt Side and Rear Margin = 1.2 & 1.5mt Draw plan of GF with Bed Room, Kitchen, Drawing room, Verandah, toilet ,Master toilet and FF with Bed Room, Children room toilet etc., and with Elevation & Schedule of opening. (a) Draw the section of plan drawn in the above question will all the information **Q.2 07** i.e. show all dimensions and material information. (b) Draw the two point perspective of following figure assume all other information 07 if required Room 6 X 4 door size 1.5 X 2.1 Q.3 (a) Write detailed note on ancient town planning in India. 07 **(b)** What are the principles of Town planning? List & discuss any two. 07 07 **Q.4** (a) Discuss with sketch Ribbon development and satellite town. (b) What are the points to be considered for planning an Earthquake resistance 07 **Building?** Q.5 (a) List types of survey require for town & discuss the civic survey. 07 What is Zoning? Explain in detail the importance of Zoning 07 (a) Enlist the principle of planning and explain in detail. 07 **Q.6 (b)** Explain the (1) FSI (2) Foundation plan. 07 What is a town Centre? What are their different forms? 0.7 07 (b) Define Slum. Discuss various steps that can be undertaken for the 07 Improvements of Slums.
