Seat No.: _____ *Enrolment No._____*

GUJARAT TECHNOLOGICAL UNIVERSITY

PDDC Sem-I June-July Examination 2011

Subject code: X10601 **Subject Name: Building and Town Planning**

Date: 23/06/11 **Total Marks: 70** **Time: 10:30am to 1:30pm**

Instructions:

1. **Attempt all questions.**
2. **Make suitable assumptions wherever necessary.**
3. **Figures to the right indicate full marks.**
4. **Detail dimensioning and accuracy in drawings are essential.**
5. **Attempt Q1 & Q2a in Drawing sheet.**

Q.1		Design and draw plan & sectional elevations of a residential building from following data. 1 Area of plot 250 sq m. 2 Permissible built up area is 40% 3 two bedrooms (one master bedroom), kitchen cm dinning room, drawing room, and other necessary data assume.	**14**
Q.2	**(a)**	Draw perspective of steps of two trades, having one corner in the picture plane .Kept eye level 6m.	**07**
	(b)	What are the principles of planning the building? Discuss any two briefly.	**07**
		OR	
	(b)	List the architectural compositions & Discuss any two briefly.	**07**
Q.3	**(a)**	What are the principles of Town planning? List & discuss any two.	**07**
	(b)	What is the growth of town –planning? Discuss various type.	**07**
		OR	
Q.3	**(a)**	List types of survey require for town & discuss the civic survey.	**07**
	(b)	What is meant by slum? Discuss the slum clearance programmed briefly.	**07**
Q.4	**(a)**	Enlist the aspect of Zoning & discuss the use of zoning.	**07**
	(b)	What is meant by neighborhoods-?Discus the feature briefly.	**07**
		OR	
Q.4	**(a)**	Explain in sketch 1 Cul de sac 2 Key plan 3 block plan	**06**
	(b)	What is a town centre? What are its different form?	**08**
Q.5	**(a)**	Discuss the Housing position in old city and problems in other elements of city. What is T.P.S?	**07**
	(b)	What is Master plan? Discuss the salient features of Gandhinagar master plan.	**07**
		OR	
Q.5	**(a)**	Differentiate between the 1 Zoning & reservations 2 Row of housing & flats	**07**
	(b)	List the Types of perspectives & discuss any one.	**07**

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