## GUJARAT TECHNOLOGICAL UNIVERSITY M. E. - SEMESTER – I • EXAMINATION – WINTER • 2013

Subject code: 714802NDate: 26-12-2013Subject Name: Urban Housing			
•	Time: 10.30 am – 01.00 pm Total Marks: 70		
Instructions:			
1. Attempt all questions.			
		Make suitable assumptions wherever necessary.	
3. Figures to the right indicate full marks.			
Q.1	(a)	Describe the "Neighborhood concept" with a case study.	07
	<b>(b</b> )	Briefly discuss: The major housing agencies in India.	07
Q.2	<b>(a)</b>	Define "Slum" and discuss the important principles upon which the	07
		slum improvement schemes are designed?	07
	(b)	Write a short note: Housing Finance Institutions in India. OR	07
	<b>(b</b> )	Write a short note: Housing Problems in India.	07
Q.3	(a)	Discuss the basic objectives of National Housing policy.	07
C	<b>(b)</b>		07
		OR	
Q.3	<b>(a)</b>	What is the importance of the following regulations in Development	07
		Plan? (1). Density.	
		(1). Density. (2). Subdivision.	
		(3). FAR or FSI, and support the sentence by example - "The role of	
	<b>/</b>	FAR to control the density of built-up area"	~-
	(b)	Describe the micro level climatic condition and suitable building form for Surat and Tapi district.	07
Q.4	<b>(</b> a)	Explain the major design factors taken into consideration for	07
<b>X</b>	()	residential layout planning?	0.
	<b>(b</b> )	Brief out the various "types of houses" based on material and concept. <b>OR</b>	07
Q.4	<b>(a)</b>		07
		having the size 15m x 30m and also calculate floor wise built up	
		area. The building plot located near the L. P. Savani circle, near pal, Surat.	
		(Assume the suitable data)	
	<b>(b</b> )	Briefly explain the concept of "Green Building."	07
Q.5	(a)	Discuss the objectives and significance of Mass Housing.	07
-	(b)	Write short note: Rural housing requirement.	07
Q.5	(a)	<b>OR</b> Explain the "Low-Cost Housing" techniques.	07
~~~	(b)	Differentiate "Innovative building material" and conventional	07
		techniques.	

\*\*\*\*\*