

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

Subject code: 714802N**Date: 26-12-2013****Subject Name: Urban Housing****Time: 10.30 am – 01.00 pm****Total Marks: 70****Instructions:**

1. Attempt all questions.
2. 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) Briefly discuss: The major housing agencies in India. **07**
- Q.2** (a) Define “Slum” and discuss the important principles upon which the slum improvement schemes are designed? **07**
(b) Write a short note: Housing Finance Institutions in India. **07**
- OR**
- (b) Write a short note: Housing Problems in India. **07**
- Q.3** (a) Discuss the basic objectives of National Housing policy. **07**
(b) Define: Building Byelaws. Enlist major aspects covered in building bye laws? **07**
- OR**
- Q.3** (a) What is the importance of the following regulations in Development Plan? **07**
(1). Density.
(2). Subdivision.
(3). FAR or FSI, and support the sentence by example - “The role of 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** (a) Explain the major design factors taken into consideration for residential layout planning? **07**
(b) Brief out the various “types of houses” based on material and concept. **07**
- OR**
- Q.4** (a) Calculate plot area, ground coverage index, total built-up area of a plot 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) **07**
(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**
- OR**
- Q.5** (a) Explain the “Low-Cost Housing” techniques. **07**
(b) Differentiate “Innovative building material” and conventional techniques. **07**
