Seat No.:	Enrolment No.
Scat 110	Emoment No

GUJARAT TECHNOLOGICAL UNIVERSITY

BE - SEMESTER-III EXAMINATION - WINTER 2015

Subject Code:130603			Date:02/01/2016	
Tir	ne: 2 cructio 1. 2.	Attempt all questions.	70	
Q.1	(a) (b)	Plan the residential building (Draw only plan) with suitable scale in a plot area of 200 sq mt. Provide units like drawing hall, kitchen and dining, master bed room, bed room, store. Planning shall be done considering prevailing Building Bye laws of NBC. Assume suitable data if required. Prepare schedule of opening for the plan prepared in Q.1 (a)	10	
Q.2	(a) (b)	Enlist different principles of building planning and explain any two in detail. Draw the front elevation for the plan which you have drawn in Q. 1.(a)	07 07	
	(b)	OR Differentiate one point, two point and three point perspectives with neat sketch.	07	
Q.3	(a) (b)	Define or Explain the term Building Bye laws. Also write the objectives and scope of Building Bye laws. Define the following terms: (i) F.S.I.(ii) Margin (iii)Set back(iv)Carpet area (v)Green Belt (vi)Built up area(vii)control line	07 07	
Q.3	(a) (b)	OR How the earthquake resistance building is planned with respect to size and symmetry. Draw a proportionate line diagram of a primary school building showing different units along with its dimension	07 07	
Q.4	(a) (b)	Briefly explain the guide lines for design of non engineered earthquake resistance brick masonry structures. Discuss factors to be considered while selecting site for public building with reference to type of public building	07 07	
Q.4	(a) (b)	OR Write a brief note on methods to clear slum OR prevention of slum formation. Define the term 'Zoning'. Write the classification of zoning. Discuss briefly importance of zoning in town planning.	07 07	
Q.5	(a)	Define master plan or development plan of a town. Also write objectives of	07	
	(b)	master plan. Explain aims and objectives of town planning.	07	
Q.5	(a) (b)	OR Discuss in detail about origin and growth of town. Discuss briefly about different data collected while conducting civic survey.	07 07	
