GUJARAT TECHNOLOGICAL UNIVERSITY

B.ARCH - SEMESTER- VIII • EXAMINATION - SUMMER 2017

	•	Code: 1085003 Date: 01/05/2017 Name: Site Planning	
Tim		.30AM to 12.30PM Total Marks: 50	
	1. 2. 3.	Structions: Attempt all questions. Make suitable sketches wherever necessary. Figures to the right indicate full marks. Draw sketches wherever required.	
Q.1	(a)	Define the following: (any five) 1. Gross Density & Net Density 2. Land use & Zoning 3. Habitat 4. Wetland 5. Floodplain 6. Morphology	05
	(b)	Which are the factors & force, to be considered while carrying out site planning?	05
Q.2	(a)	What is site planning? Explain its importance in a project.	05
	(b)	Explain which are the criteria/ parameters to be considered while planning for a site of Mass Housing in Urban Context.	05
	(b)	OR Which are the key considerations to be carried out for planning a site of Housing in Rural & Eco Sensitive area?	05
Q.3	(a)	Enlist & Explain the parameter whose information is required for planning any site.	06
	(b)	What can you infer from a contour survey map?	04
		OR	4.0
Q.3		Explain the following terms: 1. Grid Iron Pattern 4. Location Factor 2. Radial Pattern 5. Urban Fabric 3. Contour Mapping	10
Q.4		Explain the various factors to be considered while selection of a site & site planning for each of the flowing types of projects: a. Residential Project b. Institutional Project c. Industrial Project d. Resort – Tourist Project e. Commercial Project	10
Q.5		Explain in brief the importance of the following while planning for a site: 1. Physical characteristics of site	10
		OR	
Q.5		Explain how an individual can respond to the following, while making decisions during site planning:	10
		1. Catchment Area 4. Geological Conditions	
		2. Rain Intensity3. Contours5. Local Tradition.	
		3. Contours ******	

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