Seat No.:	Enrolment No
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## **GUJARAT TECHNOLOGICAL UNIVERSITY**BArch - SEMESTER-VI • EXAMINATION – SUMMER 2017

Subject Code: 1065002 Date: 02/05/2017

**Subject Name: Building Construction -VI** 

Time: 10.30AM to 01.30PM Total Marks: 40

Instructio		mpt all questions.	
		e suitable sketches wherever necessary.	
		res to the right indicate full marks.	
		v sketches wherever required.	
Q.1	(a)	Explain the following: (any four)	04
		1. Plaster	
		2. Gypsum board	
		3. Wood wool	
		4. Timber wood & Plywood	
		5. Mosaic Tiles	
		6. Terrazzo Tiles	
	(b)	Explain with sketches Structural Glazing & Glazed Curtain walls	04
Q.2	(a)	Define Elevators and Explain the various parameters to be considered while	04
2.2	(**)	designing Elevators.	•
	(b)	What are Seismic waves? Mention various types of seismic waves. Explain with	04
	(~)	sketches.	•
		OR	
	(b)		04
	(~)	Earthquake.	
Q.3		Explain the various types of floors with suitable examples. Give a list of	08
Q.S		Materials which are commonly used as flooring.	00
		OR	
Q.3	(a)	Mention the flooring materials which you will recommend for the following:	04
Q.o	(**)	1. Art Gallery 5. Mosque	
		2. Bathroom 6. Church	
		3. Hospital 7. Temple	
		4. School building 8. Kitchen	
	(b)	Explain the various types of Ducts; with suitable sketches.	04
Q.4	(a)	Enlist & Explain the various sanitary fixtures of toilets.	08
Q.4	(b)	Enlist & explain the various fixtures used in Kitchen	00
	(0)	OR	
Q.4		Explain & Enlist the various components of Paints.	
ν.,		Explain & Enlist the types of Varnishes.	08
0.5			
Q.5		Write a short note on the following with sketches:	08
		1. Glass Partition.	
		2. Timber Partition.	
0.5		OR Differentiate the following:	08
Q.5		Differentiate the following:  1. Suspended flooring & Suspended Ceiling	00
		<ol> <li>Suspended flooring &amp; Suspended Ceiling</li> <li>Ramp &amp; Stair</li> </ol>	