Seat No.:	Enrolment No.

GUJARAT TECHNOLOGICAL UNIVERSITY B.ARCH. - SEMESTER-V EXAMINATION - WINTER - 2016

Subject Code:1055002		Date:26/10/2016		
Su	bject	t Name: Building Construction-V		
Time:10:30AM – 01:30PM		Total Marks: 40		
Ins	tructi			
		Attempt any five questions.		
		Make suitable assumptions wherever necessary.		
		Figures to the right indicate full marks.		
	4.	. All questions carry equal marks		
Q.1	(a)	Explain briefly with sketches: Types of Shallow Foundations		04
	(b)	Explain briefly with sketches: Types of Deep Foundations		04
Q.2	(a)	What is Retaining wall? Explain Types of Retaining wall with sl	zetches	08
Q. <u>-</u>	(a)	What is Retaining wait. Explain Types of Retaining wait with si	cetenes.	00
0.2	(.)	Martin the decrease and disclaration of Cost In City	Due Coet	00
Q.3	(a)	Mention the advantages and disadvantages of Cast-In-Situ Concrete Piles.	and Pre-Cast	08
		Concrete Piles.		
. .			10	0.0
Q.4	(a)	Explain how would you provide foundation in Black Cotton Soil	i?	08
Q.5	(a)	Discuss Merits and Demerits of Welding and Nut-Bolt types of o	connections.	08
Q.6	(a)	Explain the given connections through sketches:		04
Q.U	(a)	Beam to Beam Connections		UH
		2) Beam to Column Connections		
	(b)	Explain the given connections through sketches:		04
	()	1) Column to Column Connections		-
		2) Column to Foundation Connections		
. =	()	W's Classes Factor Control		0.4
Q.7	(a)	Write Short note: Footing for Steel Columns		04
	(b)	Write Short note: Importance of Bracing		04

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