Seat No.:	Enrolment No
-----------	--------------

## GUJARAT TECHNOLOGICAL UNIVERSITY B.ARCH - SEMESTER- III • EXAMINATION - SUMMER 2017

Subject Code: 1035002		Date: 01/05/2017		
Ti	me: ( truction 1.	Attempt any five questions.  Make suitable assumptions wherever necessary.  Figures to the right indicate full marks.	Total Marks:	40
Q.1	(a) (b)	Explain With Sketches At Least 2 Types Of Vaults And Its Det Explain With sketches At Least 2 Types Of Domes And Its Det		04 04
Q.2	(a) (b)	Write Explanatory Notes On Different Types Of Timber Floors. Explain With Sketches Various Types Of Floors.		04 04
Q.3	(a)	Show The Details With Sketches Of Joints At The Ends Of A I Queen Post Roof	King Post And	04
	<b>(b)</b>	Explain With Sketches Single Joist Timber Floor.		04
Q.4	(a)	What is Steel? Give uses of steel. Differentiate between Hard & Mild Steel.		08
Q.5	(a)	Explain the difference between following terms including their R.C.C., 2.P.P.C. & O.P.C.	uses: 1.P.C.C. &	04
	<b>(b)</b>	Write a short note on Manufacturing Process of Cement.		04
Q.6	(a) (b)	What is Trap? Enlist and sketch types of traps. Explain briefly: One Pipe and Two pipes System for Drainage.		04 04
Q.7	(a)	Describe Different Types Of Tubes Used For Water Supply Wi Two Examples Of Joints.		04
	<b>(b)</b>	Sketch a schematic Layout of water Distribution System for a 2	storied Building	04

\*\*\*\*\*