Su Su Ti	at No.: GUJARAT TECHNOLOGICAL UNIVERSITY BA – SEMESTER – 1 - EXAMINATION – SUMMER 2018 abject Code: 1025003 Date: 16-May-2 abject Name: Building Construction-II ame: 10:30 AM TO 01:30 PM Total Marks: 4 structions:	
	 Attempt all questions. Make suitable assumptions wherever necessary. Figures to the right indicate full marks 	
Q.1	 a) Explain in brief the characteristics of (a) good paint, (b) good varnish OR a) Explain various defects in painting. 	04
Q.2	Write a short note on: (Any three) 1. Timber boards 2. Tiles 3. What is a Class? Montion its various types available in morket and their applies	12
	3. What is a Glass? Mention its various types available in market and their applic construction industry.4. What are the uses of non-ferrous metals in construction industry?	ation in
Q.3	Explain through sketches (using geometric instruments) the geometry of any two following arches: 1. Venetian arch 2. Florentine Arch 3.Pointed Arch 4. Trefoil Arch (Show centers and radius of the arches)	of the
Q.3	OR Draw elevation of Segmental Arch and explain the following Terms: 1. Crown 2. Haunch 3. Voussoirs 4.Skew back 5. Intrados 6.Springing Line.	
Q.4	Design a single shuttered timber panelled door in an opening size of 1000 MM x MM and draw an elevation, plan and section of the same. OR	2100 06
Q.4	Draw an elevation, plan and section of a Fixed Louvered window with timber framan opening size of 650 MM x 650 MM.	me in
Q.5	Write short notes on: 1. Plumbing fixtures 2. Sanitary fixtures	08
Q.6	Draw a sectional elevation of a doglegged staircase showing all its parts. OR	04
0.6	Sketch any 4 types of staircases	