Seat No.: Enrolment No GUJARAT TECHNOLOGICAL UNIVERSITY B.ARCH - SEMESTER- II • EXAMINATION – SUMMER 2017 Subject Code: 1025003 Date: 25/05/2017 Subject Name: Building Construction - II Time: 10.30AM to 01.30PM Total Marks: 40		
Inst	ructions:	
1	. Attempt all questions.	
2	2. Make suitable assumptions wherever necessary.	
	3. Figures to the right indicate full marks.	
Q1	Sketch proportionately or Draft a Double-Leaf six panelled door in an opening size of 1200 x 2100 MM. Show Plan, Elevation, Section & minimum two details for the same.	08
Q2	Define an Arch. Draw an elevation of an arch mentioning all its parts and give classification of arches mentioning two examples of each. OR	08
	Explain the process of construction of Arches with necessary steps explaining with the help of sketches.	
Q3	Neatly draw or draft a sectional elevation of a Dog-legged staircase explaining all the terms used in a stair.	08
	OR Neatly draw or draft plan, elevation and section of a 2 track 4 shutter horizontally sliding window in aluminum section for an opening size of 1800 mm x 900 mm.	
Q4	Write short notes on the following giving 2 examples of each: a) Industrial forms of timber. b) Various forms of ferrous metals. c) Glass. d) Paints. OR	08
	Write short notes on Hardware, Plumbing and Sanitary fixtures with relevant	
	sketches.	
Q5	Sketch the following Joinery details: (any 4) a) Riser and Tread with string of a timber stair. b) Battened, ledged and braced door with frame.	08
	c) Glazing with stile and lock rail of partly glazed door.d) Movable louvers with the stile of louvered timber window.	

e) Head and post of double shutter timber door frame.f) Fixing of sliding channel with shutter of a horizontal sliding shutter.
