Seat No.:	Enrolment No

GUJARAT TECHNOLOGICAL UNIVERSITY

DIPLOMA ENGINEERING - SEMESTER-I/II •EXAMINATION-SUMMER - 2017

Subject Code: 3316202 Subject Name: Technical Drawing- I		Name: Technical Drawing- I	Date: 03-06-2017	
	tructio 1. 2.	2:30 PM TO 05:30 PM ns: Attempt all questions. Make suitable assumptions wherever necessary. Figures to the right indicate full marks.	Total Marks: 40	
Q.1	(a)	Construct an equilateral triangle of given altitude	e 50 mm.	04
	(b)	Draw a regular octagonal with given one side as	60 mm.	04
Q.2	(a)	Divide a line of 110 mm in to 10 equal parts.		04
	(b)	Draft hatch patterns in 50 x 80 mm box of the fol 1) Wood 2) Brick 3) Metal 4) Concrete	lowing.	04
Q.3	(a)	Draw an isometric view of a cone with a 50 mm of height 70 mm.	diameter and	04
	(b)	Draw an axonometric view of a pyramid of bas 80 mm height	e 60 x 60 mm and	04
Q.4	(a)	Bisect an angle of 75 degrees.		04
	(b)	Draw a pyramid with a square base of 50 mm height.	sides and 80 mm	04
Q.5	(a)	Draw a semi circular arch with a span of 1500 1:10	mm to a scale of	04
	(b)	Sketch Architectural symbols for shrubs, stone, s	sand and a tree.	04
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