Seat No.:	Enrolment No.

GUJARAT TECHNOLOGICAL UNIVERSITY

B. E. - SEMESTER - VI • EXAMINATION - WINTER 2012

•	Subject code: 162902 Date: 03/0)1/2013
Time: 02.30 Instruction 1. At 2. M	0 pm ns: tempt ake su	Advanced fabric structure & CAD - 05.00 pm Total Ma any five questions. itable assumptions wherever necessary. to the right indicate full marks.	rks: 70
Q.1		What do you mean by Gauge and leno weaving? Explain fully leno weaving with all aspects of weaving.	14
Q.2	(a) (b)	Explain factors affecting double cloth design. Explain the characteristics of velveteen fabrics. OR Explain about tapestry fabrics.	07 07 07
Q.3		What are terry pile structures? How are they produced? Explain with diagram. Draw design and cross section of 3 pick double sided terry weave. Discuss briefly ornamentation of terry fabrics	14
Q.3	(a) (b)	OR How warp pile structure is obtained with the help of wire? Explain with diagram. Explain with diagram and design how warp pile fabric is produced on face to face principle.	07 07
Q.4		Explain colour and weave effects by developing any four effects.	14
		OR	
Q.4 Q.4	(a) (b)	Compare fully warp backed and weft backed structures. Explain the different methods of making double cloths.	07 07
Q.5	(a)	Select your own spot and distribute it on 4 end irregular	07
	(b)	sateen principle over 16 ends and 16 picks. Explain extra figuring fabrics. OR	07
Q.5	(a)	In repeat area 32*32 using simple weave, compound	07
	(b)	warping and compound wefting, develop checks effect. Discuss principles of jacquard designing.	07
