Seat No.:	Enrolment No.
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GUJARAT TECHNOLOGICAL UNIVERSITY

B. E. - SEMESTER – IV • EXAMINATION – WINTER 2012

Subj	ect (code: 142803 Date: 29/12/2	012
Subj	ect 1	Name: Yarn Preparation and Weaving	
Time	e: 02	2.30 pm - 05.00 pm Total Marks	: 70
Instr	uct	ions:	
	1. 2. 3.	Attempt any five questions. Make suitable assumptions wherever necessary. Figures to the right indicate full marks.	
Q.1	(a) (b)		07 07
Q.2	(a) (b)	* *	07 07
	(b)	Discuss features of Modern winding machines.	07
Q.3	(a) (b)		07 07
Q.3	(a) (b)	Discuss in detail about Sizing ingredients.	07 07
Q.4	(a) (b)		07 07
Q.4	(a) (b)	Explain Tappet Shedding mechanism with neat sketch.	07 07
Q.5	(a)	With neat sketch, briefly explain construction and working of Climax dobby.	07
	(b)	State types of Jacquard. Also explain principle of Single lift jacquard with suitable diagram.	07
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Q.5	(a)	What is Texturising? Explain in brief about principle of False twist texturising.	07
	(b)	Write short note on Air jet Texturising.	07
