Seat No.:	Enrolment No.

GUJARAT TECHNOLOGICAL UNIVERSITY

BE - SEMESTER-V • EXAMINATION – SUMMER 2013

U		Code: 152905 Date: 23-05-2013 Name: Textile Manufacturing Processes	
U	e: 10	.30 am - 01.00 pm Total Marks: 70	
	1. 2.	Attempt all questions. Make suitable assumptions wherever necessary. Figures to the right indicate full marks.	
Q.1	(a) (b)	with suitable diagram.	07 07
Q.2	(a) (b)	Explain briefly the various stages involved in Garment Manufacturing process.	07 07
	(b)	Compare Shuttle and Shuttle-less weaving.	07
Q.3	(a)	State the objectives of Ring frame and explain the working of Ring frame machine.	07
	(b)	Rotor yarn.	07
		OR	
Q.3	(a) (b)		07 07
Q.4	(a) (b)		07 07
Q.4	(a)	Explain the principle and working of Air-jet loom and state how it is different from projectile and rapier loom.	07
Q.4	(b)	1 0 1	07
Q.5	(a) (b)	Explain the principle of Knitting.	07 07
Q.5	(a)	OR With a neat sketch show the passage of warp yarn on a weaving loom and state	07
-	(b)	the objectives of each part.	07
