Seat No.:	Enrolment No.

Subject Code: 142902

GUJARAT TECHNOLOGICAL UNIVERSITY

BE - SEMESTER-IV • EXAMINATION – SUMMER 2013

Date: 12-06-2013

Tim	ie: 10 ruction 1.	Name: Weaving-II 0:30am - 01:00pm Total Marks: 70 as: Attempt all questions. Make suitable assumptions wherever necessary. Figures to the right indicate full marks.	
Q.1	(a) (b)	Discuss in detail about the important size ingredients and their functions. State the objects of warping process. Give the passage of through the ordinary warping machine.	07 07
Q.2	(a)(b)	Describe about the construction and working of measuring and self stopping motion. Explain the different stretch zones in a multi cylinder sizing machine with a neat sketch.	07 07
		OR	
	(b)	Explain the different types of sizing creels with their features.	07
Q.3	(a)	Discuss Franz Muller High Speed Beam Warping machine (Model-Z2) and give its salient features.	07
	(b)	Why we go for sectional warping machine? State the salient features of sectional beam warping with a neat sketch.	07
Q.3	(a)	OR i. Discuss on Brake arrangement at High Speed warping machine.	07
Q.O	(b)	ii. Write on Singleton's thread stop motion.Discuss on B.C.Warper type-C Super Speed Beam Warping machine and	07
Q.4		give its salient features. Discuss in detail about the construction and working of Eccle's drop box (4×1) mechanism with a neat diagram. OR	14
Q.4	(a) (b)	Write notes on Pressure cooker. Write in short on Ruti size box.	07 07
Q.5		Explain the construction and working of Keighley dobby with a neat diagram. OR	14
Q.5		Discuss in detail about the construction & working of Tappet (Cam) dobby with a neat sketch.	14
