Seat No.: _____ Enrolment No._____

GUJARAT TECHNOLOGICAL UNIVERSITY

BE - SEMESTER–IV • EXAMINATION – WINTER 2013

Subject Code: 142902 **Date: 23-12-2013**

Subject Name: Weaving - II

Time: 10.30 am - 01.00 pm **Total Marks: 70**

Instructions:

1. **Attempt all questions.**
2. **Make suitable assumptions wherever necessary.**
3. **Figures to the right indicate full marks.**

Q.1	**(a)**	Explain construction and working of measuring and self stopping motion in detail.	**07**
	(b)	State the functions of binders, lubricants and antiseptics.	**07**
Q.2	**(a)**	Give the salient features of sectional beam warping machine.	**07**
	(b)	Compare between ordinary and high speed warping machine.	**07**
		OR	
	(b)	Give the features of B.C.Warper type C with a neat sketch.	**07**
Q.3		Explain construction and working of Eccle's drop-box mechanism with a neat sketch.	**14**
		OR	
Q.3	**(a)**	Explain card saving device of drop box.	**07**
	(b)	With a neat sketch explain doffing and donning arrangement at high speed warping.	**07**
Q.4		Explain the construction and working of Keighley dobby with a neat diagram.	**14**
		OR	
Q.4		Discuss in detail about the construction & working of Tappet (Cam) dobby with a neat sketch.	**14**
Q.5	**(a)**	Discuss in detail about pressure cooker in detail.	**07**
	(b)	Explain construction and working of Zell size box.	**07**
		OR	
Q.5	**(a)**	Give differences between ordinary size box v/s modern size box.	**07**
	(b)	Write note on warping creels.	**07**

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