## GUJARAT TECHNOLOGICAL UNIVERSITY BE - SEMESTER-IV EXAMINATION – SUMMER 2016

Subject Code:142902 Date:06/06/2016

**Subject Name:Weaving-II** 

Time:10:30 AM to 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) (b))	Give the features of Super speed beam warping machine. Explain the working of Singleton's thread stop motion with a neat diagram.	07 07
Q.2	(a) (b)	Discuss about the doffing & donning arrangement on warping machine. Write a note on any one automatic size box.	07 07
	(b)	OR Explain the role of Binders, Softeners & Antiseptics in size preparation.	07
Q.3		With a neat sketch discuss the construction & working of Keighley dobby.	14
		OR	
Q.3		Explain construction & working of Cam(Tappet) Dobby with a diagram	14
Q.4	(a)	Give the features of Sectional beam warping process.	07
	<b>(b)</b>	Write a note on Pressure cooker.	07
		OR	
Q.4		Explain construction and working of Eccle's drop box mechanism with a neat diagram.	14
Q.5	(a)	State the importance of any one air drying system with a neat sketch.	07
	(b)	Give the comparison between ordinary and high speed warping.	07
		OR	
Q.5	(a)	Discuss in detail about different Warping creels.	07
	(b)	Explain Measuring & self stopping motion with a neat diagram.	07

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