Seat No.:	Enrolment No
GUJARAT TECHNOLOGIC	CAL UNIVERSITY
BE - SEMESTER-IV(New) • EXAMIN	VATION – WINTER 2016
Subject Code:2142806	Date:17/11/2016
Subject Name: Textile Manufacturing - II	
Time:02:30 PM to 05:00 PM	Total Marks: 70
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Instructions:

Q.3

1. Attempt all questions.

2. Make suitable assumptions wherever necessary.

3. Figures to the right indicate full marks.

MARKS 0.1 **Short Questions** 14 Sizing increases hairiness of yarn. – True or False? 1 2 Define – Weaving. Beam warping is practiced for grey or mono colored warps of very short lengths. – True or False? 4 Warping is the process to apply protective layer on yarn.- True or False? 5 Define – Weave. Marker planning is activity associated with Garment manufacturing process. – True or False? _creel occupies less floor space in sizing. Shuttle is a warp carrier. – True or False? Nonwoven is produced on the loom. – True or False? Interlooping is done in weaving. – True or False? 10 Sizing, Warping and Winding. – Is it the correct sequence? 11 Define – Courses. 12 13 Define – Wale. 14 Shedding is mechanism of Knitting. – True or False? Q.2 (a) Discuss need for Sizing. 03 (b) State different creels used in Sizing. Explain any one in detail. 04 (c) Discuss any one sizing machine with suitable diagram. 07 (c) Discuss in detail about warp knitting and weft knitting. 07

(a) State any three features of super high speed beam warping.

(c) With neat sketch, explain about Slow speed beam warping machine.

(b) Discuss important parts of Sectional warping.

(b) Discuss flow of material in Sectional warping.

(c) Describe different creels used in Warping.

Q.3 (a) Write brief note on Mill warping.

03

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Q.4	(a)	Show passage of material in loom.	03
	(b)	Discuss about different types of weaves.	04
	(c)	Discuss in detail about important mechanisms of loom.	07
	` '	OR	
Q.4	(a)	Give classification of dobby systems.	03
	(b)	Write brief note on Jacquard.	04
	(c)	Discuss any one type of dobby with suitable diagram.	07
0.5	(a)	Discuss about Parallel laid webs and Cross laid webs.	03
Q.5	(a)		
	(b)	Write a brief note on Adhesive bonding process.	04
	(c)	Explain different kind of weft insertion systems with suitable diagrams.	07
		OR	
Q.5	(a)	Describe "Latch Needle" with suitable diagram.	03
	(b)	Discuss about "Types of Spread".	04
	(c)	How garments are prepared at garment industry? Discuss whole process flow in detail.	07
