## **GUJARAT TECHNOLOGICAL UNIVERSITY**

BE – SEMESTER – VI (NEW).EXAMINATION – WINTER 2016

Subject Code: 2162906 Date: 25			/10/2016	
T	ime	ect Name: Fabric Structure-II : 10:30 AM to 01:00 PM ctions:  1. Attempt all questions. 2. Make suitable assumptions wherever necessary. 3. Figures to the right indicate full marks.		
Q.1	(a)	With the help of design, explain how figured fabrics are obtained using 1 intermittent extra weft.	07	
Q.2	(b) (a)	With the help of designs, explain how Terry Checks are constructed.  With the help of designs, explain how check pattern is obtained using simple weave.	07 07	
	<b>(b)</b>	Write a brief note on "Tapestry Structures".	07	
	<b>(b)</b>	<b>OR</b> With the help of neat sketch, explain positive easing motion incorporated in leno weaving.	07	
Q.3	(a) (b)	Give only designs for Birds Eye Effect & Hounds Tooth Effect.  Compare Extra Warp Figuring with Extra Weft Figuring.  OR	07 07	
Q.3	(a)	<ul> <li>Give Design &amp; Cross Section for:</li> <li>3 Pick Terry with 1 Face Pile.</li> <li>6 Pick Terry with 1 Face Pile &amp; 1 Back Pile</li> </ul>	07	
Q.4	(b) (a)	With the help of designs, explain how figured leno structures are constructed.  Construct only design for the following:  1. Centre weft stitched double cloth	07 07	
	<b>(b)</b>	<ul><li>2. Treble cloth</li><li>Write a brief note on "Jacquard Designing".</li><li>OR</li></ul>	07	
Q.4	(a)	Give the classification of double cloth. Construct self stitched double cloth by using back to face principle.	07	
	<b>(b)</b>	Which weaves are suitable for warp back cloth? Why? Give design, draft and peg-plan for warp back cloth.	07	
Q.5	(a)	Give the classification of pile fabric. Construct design and cross-section of twill back velveteen with fast pile anchorage.	07	
	<b>(b)</b>	Explain principle of cloth interchanging by giving suitable design for interchanging double cloth.	07	
Q.5	(a)	OR With suitable diagram, explain how warp pile fabric can be formed by using	07	
	<b>(b)</b>	single shuttle & double shuttle method. Construct only design for the following:  1. Weft back cloth with wadded warp  2. Weft wadded double cloth	07	

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