Seat No.:	Enrolment No.

## **GUJARAT TECHNOLOGICAL UNIVERSITY**

**BE - SEMESTER-V (OLD) - EXAMINATION - SUMMER 2017** 

Subject Code: 152903			Date: 01/05/2017	
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<b>Q.1</b>	(a) (b)	Construct design, draft & peg-plan for modified Hopsack. Explain with suitable diagram how, rib effect is produced in plain weave,	07 07	
Q.2	(a)	Give only design for the following:-  1. Stitched hopsack  2. Broken twill  3. Elongated twill on 15 0	07	
	<b>(b)</b>	Construct design, draft, peg-plan & cross-section of Hopsack.	07	
	<b>(b)</b>	OR  Construct only design and draft for the following:-  1. Honey comb with unequal cell formation  2. Huck a back	07	
Q.3	(a) (b)	Explain with suitable diagrams, prominent and intermediate effect of twill.  Give only design and draft for the following:  1. Transposed twill  2. Mock leno	07 07	
		OR		
Q.3	(a)	Give only design for the following:-  1. (3/3,4/2) Twill, weft way in Z- direction  2. Regular warp rib (Draw cross-section also)  3. Regular weft rib (Draw cross-section also)	07	
	<b>(b)</b>	Construct design, draft & peg-plan of Herring-bone Twill.	07	
Q.4	(a)	Describe the reversing principle used for constructing crepe weave giving designs for the same.	07	
	<b>(b)</b>	Construct only design and draft for the following:-  1. Irregular satin weave on 8x8  2. Sponge weave  OR	07	
Q.4	(a)	Give the classification of welts & piques. Explain giving design and cross-	07	
	<b>(b)</b>	section, the construction of ordinary and wadded welts. Write a brief note on "Corkscrew Weaves".	07	
Q.5	(a)	State the methods for constructing diamond weave. Explain the constructing of a diamond weave using any one method with help of design, draft and peg-plan.	07	
	<b>(b)</b>	Explain the classification of fabrics based on the cover factor.	07	
Q.5	(a) (b)	OR Explain weft way distorted effect with the help of design & cross-section. Write a brief note on "Crepe Fabrics".	07 07	

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