

# GUJARAT TECHNOLOGICAL UNIVERSITY

BE - SEMESTER-VI (NEW) EXAMINATION – WINTER 2018

**Subject Code:2162906**
**Date:27/11/2018**
**Subject Name: Fabric Structure-II**
**Time: 02:30 PM TO 05:00 PM**
**Total Marks: 70**
**Instructions:**

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

		MARKS
<b>Q.1</b>	(a) Draw design for Hairline effect.	<b>03</b>
	(b) What is Gauge? State the difference between Gauge and Leno.	<b>04</b>
	(c) Draw design, draft and peg plan of simple leno weave.	<b>07</b>
<b>Q.2</b>	(a) Construct design of Tubular double cloth.	<b>03</b>
	(b) Give design of weft wadded double cloth.	<b>04</b>
	(c) Draw design, draft and peg plan of self stitched double cloth.	<b>07</b>
	<b>OR</b>	
	(c) Draw design, draft and peg plan of center warp stitched double cloth.	<b>07</b>
<b>Q.3</b>	(a) Explain the importance of wedding threads.	<b>03</b>
	(b) Compare warp backed and weft backed cloth structure.	<b>04</b>
	(c) Draw design, draft and peg plan of warp back cloth.	<b>07</b>
	<b>OR</b>	
<b>Q.3</b>	(a) Explain the principle of leno weave.	<b>03</b>
	(b) Give only design of bird's eye effect.	<b>04</b>
	(c) Construct design and cross section for following. i) Twill back velveteen ii) Corduroy	<b>07</b>
<b>Q.4</b>	(a) State the difference between velvet and velveteen.	<b>03</b>
	(b) Explain briefly about the ornamentation of terry fabrics.	<b>04</b>
	(c) Draw design and cross section of 3 pick terry and 4 pick terry weave.	<b>07</b>
	<b>OR</b>	
<b>Q.4</b>	(a) Draw design and cross section of wire warp pile.	<b>03</b>
	(b) Discuss the factors affecting pile density.	<b>04</b>
	(c) Construct design and Cross section of treble cloth.	<b>07</b>
<b>Q.5</b>	(a) Draw design of compound stripe pattern.	<b>03</b>
	(b) State the difference between extra warp and extra weft figuring.	<b>04</b>
	(c) Write short note on Jacquard Design.	<b>07</b>
	<b>OR</b>	
<b>Q.5</b>	(a) Draw design of Step pattern.	<b>03</b>
	(b) Explain the principle of tying/ stitching in the double cloth.	<b>04</b>
	(c) Write notes on Tapestry fabric.	<b>07</b>

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