

GUJARAT TECHNOLOGICAL UNIVERSITY**BE - SEMESTER-VI(NEW) – EXAMINATION – SUMMER 2019****Subject Code:2162906****Date:16/05/2019****Subject Name: Fabric Structure-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.

		MARKS
Q.1	(a) Draw only design for Hairline Effect.	03
	(b) Compare warp backed and weft backed structures.	04
	(c) Discuss principle of jacquard designing.	07
Q.2	(a) Write short note on gauze.	03
	(b) Draw design and cross section of twill back velveteen.	04
	(c) Construct one design each of: i). Compound stripe effect ii). Compound check effect.	07
	OR	
	(c) Write a brief note on "Tapestry Fabrics".	07
Q.3	(a) Draw design and cross section of tubular double cloth.	03
	(b) State the difference between velvet and velveteen.	04
	(c) Explain the different methods of making double cloths.	07
	OR	
Q.3	(a) Write short note on damask.	03
	(b) Draw design and cross section of self stitch double cloth.	04
	(c) What is pile height and pile density? Discuss factors affecting pile density.	07
Q.4	(a) Draw design, draft and peg plan for simple leno.	03
	(b) Draw design and cross section of corded velveteen.	04
	(c) Construct design, draft and peg-plan for warp back cloth.	07
	OR	
Q.4	(a) Draw design of weft back cloth.	03
	(b) What is the importance of color and weave effects?	04
	(c) Draw design, draft, peg plan and cross section of 3 and 4 pick double sided terry weave.	07
Q.5	(a) Write a brief note on 'Russian Cord'.	03
	(b) Construct design of weft wadded double cloth.	04
	(c) Compare Extra Warp Figuring with Extra Weft Figuring.	07
	OR	
Q.5	(a) Explain the principles of leno structure.	03
	(b) Write short note on brocade.	04
	(c) Give only designs for Birds Eye Effect & Hounds Tooth Effect.	07
