

GUJARAT TECHNOLOGICAL UNIVERSITY

BE- SEMESTER- VI EXAMINATION – SUMMER 2026

Subject Code:3162911

Date:29-05-2026

Subject Name: Garment Technology

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.
4. Simple and non-programmable scientific calculators are allowed.

		MARKS
Q.1	(a) Write briefly about the Indian apparel industry.	03
	(b) What is marker efficiency?	04
	(c) Explain about the different garment production systems.	07
Q.2	(a) What is 3D body scanning?	03
	(b) How are fabric parameters assessed for manufacturing a quality garment?	04
	(c) Discuss in detail about the physiological comfort aspects.	07
	OR	
	(c) Write in detail about the psychological comfort aspects.	07
Q.3	(a) State the objectives of spreading.	03
	(b) Write briefly about bundling and numbering.	04
	(c) Discuss in detail about garment finishing and packing.	07
	OR	
Q.3	(a) State the objectives of fusing.	03
	(b) Write briefly about sewing needle.	04
	(c) Discuss in detail about the garment processing.	07
Q.4	(a) Define seams.	03
	(b) Draw a neat sketch of drop feed mechanism and write the objectives of the parts.	04
	(c) Write in detail about the different methods of cutting.	07
	OR	
Q.4	(a) Name the sewing machine work aids.	03
	(b) Write briefly about different classes of stitches.	04
	(c) Explain the computerized marker planning.	07
Q.5	(a) How is automatic fabric inspection carried out?	03
	(b) Write briefly about computerized garment designing.	04
	(c) What are the measures taken to control the quality in cutting department?	07
	OR	
Q.5	(a) How is automatic material handling carried out during garment manufacturing?	03
	(b) Write briefly about computerized embroidery.	04
	(c) How is quality assured in assembling department of garment manufacturing industry?	07
