



**B.TECH DEGREE EXAMINATIONS: MAY 2023**

(Regulation 2018)

Sixth Semester

**TEXTILE TECHNOLOGY**

U18TXI6201T GARMENT MANUFACTURING TECHNOLOGY

**COURSE OUTCOMES**

<b>CO1:</b>	Develop the pattern making, grading and marker making for Kids, Baby's, Men's and Women's wear
<b>CO2:</b>	Discuss the Requirements and Methods of Marker planning and cutting.
<b>CO3:</b>	Describe different types of Stitches & Seams and sewing machine.
<b>CO4:</b>	Explain different types of accessories used in garment industry.
<b>CO5:</b>	Explain different types of pressing methods.

**Time: Three Hours**

**Maximum Marks: 100**

**Answer all the Questions:-**

**PART A (10 x 2 = 20 Marks)**  
**(Answer not more than 40 words)**

1.	What is draping?	CO1	[K <sub>2</sub> ]
2.	How do darts help shape a garment, and where are they typically placed?	CO1	[K <sub>2</sub> ]
3.	What is Marker Efficiency?	CO2	[K <sub>2</sub> ]
4.	List the objectives of cutting.	CO2	[K <sub>3</sub> ]
5.	Classify the seams.	CO3	[K <sub>2</sub> ]
6.	Suggest and justify few sewing machine feeding systems suitable for delicate and slippery fabrics	CO3	[K <sub>2</sub> ]
7.	Differentiate Lining and Interlining.	CO4	[K <sub>3</sub> ]
8.	What is fusing? How is it applied in apparels?	CO4	[K <sub>2</sub> ]
9.	State the advantages and applications of form pressing equipment.	CO5	[K <sub>2</sub> ]
10.	List the materials used for only reinforcing in the garment.	CO5	[K <sub>2</sub> ]

**Answer any FIVE Questions:-**

**PART B (5 x 16 = 80 Marks)**  
**(Answer not more than 400 words)**

11.	a)	Develop pattern for Men's Trousers and give the step-by-step procedure.	CO1	[K <sub>2</sub> ]

12.	a)	Explain the requirements of spreading.		CO2	[K <sub>2</sub> ]
13.	a)	Explain the working principle of straight knife and Band knife cutting machine and also state their technical specifications, advantages, and limitations.		CO2	[K <sub>2</sub> ]
14.	a)	Identify different types of stitches and seams used in a shirt and designate them based on BS standards		CO3	[K <sub>3</sub> ]
15.	a)	Elaborate on various trims and accessories used in apparel manufacturing.		CO4	[K <sub>3</sub> ]
16.	a)	Explain the purpose of pressing and discuss the salient features of different types of pressing equipment.		CO5	[K <sub>3</sub> ]

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Please indicate knowledge level (K<sub>1</sub>toK<sub>6</sub>) and Course Outcome level (CO1 to CO5) against each question for each subdivision.