



B.TECH DEGREE EXAMINATIONS: NOV/DEC 2024

(Regulation 2018)

Seventh Semester

TEXTILE TECHNOLOGY

U18TXT7003: Textile Mill Management

COURSE OUTCOMES

CO1: Understand Indian Textile policy

CO2: Understand the central and state government schemes in Indian Textile sector

CO3: Understand the Textile mill organization and planning

CO4: Understand the power requirements for Textile mill

CO5: Understand the personnel and marketing management in Textile mill

Time: Three Hours

Maximum Marks: 100

Answer all the Questions:-

PART A (10 x 2 = 20 Marks)

(Answer not more than 40 words)

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|---|-----|-------------------|
| 1. List out the main functions of the Textile Committee in India. | CO1 | [K ₁] |
| 2. Outline the two key aspects of the National Textile Policy (NTC) that aim to boost the sector. | CO1 | [K ₂] |
| 3. Recall the purpose of the group work shed scheme for power loom workers. | CO2 | [K ₁] |
| 4. Summarize the objectives of the Technology Up-gradation Fund Scheme (TUFS). | CO2 | [K ₂] |
| 5. Define chain of command and its importance. | CO3 | [K ₁] |
| 6. Organize the advantages of Management Information System (MIS). | CO3 | [K ₃] |
| 7. Recall the factors affecting power requirements in spinning mills. | CO4 | [K ₁] |
| 8. Summarize the Relative Humidity (RH) used in various departments in Textile mills. | CO4 | [K ₂] |
| 9. Outline the HOK and its importance. | CO5 | [K ₂] |
| 10. Define bill of lading and letter of credit. | CO5 | [K ₁] |

Answer any FIVE Questions:-

PART B (5 x 16 = 80 Marks)

(Answer not more than 400 words)

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|--|---|-----|-------------------|
| 11. a) Conclude how India's textile policy has evolved to address global challenges and opportunities. | 8 | CO1 | [K ₃] |
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	b)	Organize the power scenario and energy management strategies in Indian Textile mills.	8	CO1	[K ₃]
12.	a)	Summarize the significance of the Integrated Skill Development Scheme (ISDS) for the Textiles and apparel sector.	8	CO2	[K ₂]
	b)	Examine the objectives and benefits of the Technology Mission on Cotton (TMC).	8	CO2	[K ₃]
13.		Elaborate on the selection of site for textile mills and the types of buildings used in textile mills.	16	CO3	[K ₂]
14.		Explain in detail about the cotton purchase practices, inventory control, and importance of spin and weave plan.	16	CO3	[K ₃]
15.		Compare the types of lighting and the lighting intensity requirements for different departments in textile mills.	16	CO4	[K ₃]
16.		Examine the wage structure in the Textile and apparel industry and discuss the categories of operatives in textile mills.	16	CO5	[K ₃]
