



M.TECH DEGREE EXAMINATIONS: JUNE 2018

(Regulation 2015)

Second Semester

TEXTILE TECHNOLOGY

P15TXTE14: Apparel Quality Control And Standard

COURSE OUTCOMES

- CO1:** Explain different raw material inspection systems used in apparel industry.
CO2: Discuss the quality control techniques in sewing department.
CO3: Describe the quality control techniques in pressing and packing department.
CO4: Explain different statistical sampling methods used for final garment inspection.
CO5: Compare different care labeling system.

Time: Three Hours

Maximum Marks: 100

**Answer all the Questions:-
PART A (10 x 1 = 10 Marks)**

1. Assertion (A): During Cutting Synthetic fabrics get fused at the edges. CO1 [K₃]
Reason (R): The cutting blade generate heat.
a) Both A and R are Individually true and R is the correct explanation of A b) Both A and R are Individually true but R is not the correct explanation of A
c) A is true but R is false d) A is false but R is true
2. _____ System of fabric inspection is widely used for woven fabric. CO1 [K₁]
a) 4 point system b) 10 point system
b) Dallas system d) Grantiville system
3. Skip stich formed due to _____. CO2 [K₃]
a) Uneven pleats b) Seam grin
c) Incorrect sewing timing d) Seam pucker

4. Match List I with List II

CO2 [K₃]

List I	List II
A. Needle damage	i. TQM
B. Objective measurement	ii. Yarn severance
C. Commitment	iii. Utility value
D. Cutting Blade Heat	iv. Ply fusion

- | | A | B | C | D |
|----|-----|-----|-----|----|
| a) | ii | i | iii | iv |
| b) | iii | iv | ii | i |
| c) | ii | iii | i | iv |
| d) | iii | i | ii | Iv |

5. Assertion (A): Seaming increases the tensile strength of the fabric.

CO3 [K₄]

Reason (R): Tensile strength of the fabric depends on types of seam.

- | | |
|---|---|
| a) Both A and R are Individually true and R is the correct explanation of A | b) Both A and R are Individually true but R is not the correct explanation of A |
| c) A is true but R is false | d) A is false but R is true |

6. Surface contour/structure is the one of the quality requirements in _____

CO3 [K₁]

- | | |
|-------------|------------|
| a) Pressing | b) Packing |
| c) Sewing | d) Cutting |

7. Which of the following statements are correct?

CO4 [K₂]

1) AQL 2.5 has less tolerance 2) AQL 10.0 has no tolerance 3) AQL 4.0 has more tolerance 4) AQL 6 has no tolerance

- | | |
|--------|--------|
| a) 1,3 | b) 2,4 |
| c) 1,4 | d) 2,3 |

8. Find the odd man out

CO4 [K₃]

- | | |
|-------------------------|----------------|
| a) Cause effect diagram | b) Check sheet |
| c) Control chart | d) Scheduling |

29. Explain any one care labeling system. CO5 [K₃]
30. Discuss ISO activities in garment manufacturing unit. CO5 [K₃]

Answer any TWO Questions
PART D (2 x 10 = 20 Marks)

31. Explain different types of fabric inspection systems. CO1 [K₃]
32. Discuss the sewing, seaming and assembly defects and their rectification. CO2 [K₃]
33. Explain the seven tools of quality control used in Apparel Industry. CO4 [K₃]
