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G. VENKATASWAMY NAIDU COLLEGE (AUTONOMOUS), KOVILPATTI – 628 502.



UG DEGREE END SEMESTER EXAMINATIONS - NOVEMBER 2025.

(For those admitted in June 2023 and later)

PROGRAMME AND BRANCH: B.Sc., COSTUME DESIGN AND FASHION

SEM	CATEGORY	COMPONENT	COURSE CODE	COURSE TITLE
V	PART – III	CORE – 9	U23CF505	QUALITY CONTROL IN APPAREL PRODUCTION

Date & Session: 04.11.2025/FN

Time : 3 hours

Maximum: 75 Marks

Course Outcome	Bloom's K-level	Q. No.	SECTION – A (10 X 1 = 10 Marks) Answer <u>ALL</u> Questions.
CO1	K1	1.	Who examines the products and materials from defects and deviations? a) Merchandisers b) Industrial Engineers c) Quality Controller d) Sewing Operator
CO1	K2	2.	In the stages of inspection, checking raw fibers and yarns before processing is called____. a) Final inspection b) Raw material inspection c) In-process inspection d) Random inspection
CO2	K1	3.	Quality system production installation and Servicing comes under____. a) ISO 9000 b) ISO 9001 c) ISO 9004 d) ISO 9003
CO2	K2	4.	___ belt represents a leader who manages multiple projects and coached others in Six Sigma methodology. a) Green Belt b) Yellow Belt c) Black Belt d) Master Black Belt
CO3	K1	5.	A group of employees who meet regularly to identify, analyze, and solve work-related problems is called____. a) Task force b) Quality Circle c) Management committee d) Production unit
CO3	K2	6.	Which type of AQL inspection involves checking the lot in two stages before accepting or rejecting it? a) Single sampling b) Double sampling c) Multiple sampling d) Continuous sampling
CO4	K1	7.	___ document used to authorize, monitor, and record production activities in production control. a) Purchase order b) Control form c) Invoice d) Dispatch list
CO4	K2	8.	In ____scheduling, a plan where jobs are completed at regular time intervals. a) Forward scheduling b) Backward Scheduling c) Repetitive Schedule d) Master production schedule
CO5	K1	9.	In the stages of inspection, checking garments during the sewing process is part of____. a) Raw material inspection b) In-process inspection c) Final inspection d) Random inspection
CO5	K2	10.	The 4-point and 10-point systems are used mainly for inspecting _____. a) Finished garments b) Fabrics for defects c) Sewing machine speed d) Accessories and trims

Course Outcome	Bloom's K-level	Q. No.	SECTION – B (5 X 5 = 25 Marks) Answer <u>ALL</u> Questions choosing either (a) or (b)
CO1	K3	11a.	Compare the 4-point and Graniteville 78 inspection systems for fabric defects. (OR)
CO1	K3	11b.	Analyze the significance of in-process inspection in apparel manufacturing.
CO2	K3	12a.	Differentiate between ISO 9000 and ISO 14000 standards. (OR)
CO2	K3	12b.	Explain the role of a "Belt" in Six Sigma implementation.
CO3	K4	13a.	Illustrate the PDCA cycle in Total Quality Management with examples. (OR)
CO3	K4	13b.	Justify the use of AQL sampling over 100% inspection for bulk apparel orders.
CO4	K4	14a.	Create a flow process grid for t-shirt production. (OR)
CO4	K4	14b.	Evaluate the impact of effective scheduling on production lead time.
CO5	K5	15a.	Design a checklist for quality inspection of sewing threads. (OR)
CO5	K5	15b.	Propose a needle selection guide for different fabric types.

Course Outcome	Bloom's K-level	Q. No.	SECTION – C (5 X 8 = 40 Marks) Answer <u>ALL</u> Questions choosing either (a) or (b)
CO1	K3	16a.	Classify fabric defects detected during raw material inspection. (OR)
CO1	K3	16b.	Critically examine how the 10-point system reduces customer rejections.
CO2	K4	17a.	Develop a Kaizen implementation plan for a stitching unit. (OR)
CO2	K4	17b.	Investigate the correlation between ISO certification and export order compliance.
CO3	K4	18a.	Demonstrate the steps to conduct a Quality Circle meeting. (OR)
CO3	K4	18b.	Assess the economic benefits of AQL-based inspection for small manufacturers.
CO4	K5	19a.	Formulate a dynamic scheduling system for seasonal apparel production. (OR)
CO4	K5	19b.	Re-engineer the cut-order-planning process using digital tools.
CO5	K5	20a.	Construct a trim inspection protocol for high-end garments. (OR)
CO5	K5	20b.	Innovate a defect-tracking system integrating AI for final inspection.