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T 3501

B.E./B.Tech. DEGREE EXAMINATION, APRIL/MAY 2008.

Sixth Semester

Textile Technology

TT 1351 — QUALITY ASSURANCE IN FABRIC MANUFACTURE AND
GARMENT PRODUCTION

(Regulation 2004)

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

PART A — (10 × 2 = 20 marks)

1. Enumerate types of inspection.
2. What are AQL standard?
3. State the importance of sampling.
4. What is total quality management?
5. List out the types of control forms used in an apparel industry.
6. Differentiate between flow process chart and flow process grid.
7. List out different types of defects in fabric.
8. What is marker efficiency?
9. What are the functions of AEPC?
10. What is cost of conformance?

PART B — (5 × 16 = 80 marks)

11. (a) Write about quality control and its necessity in fabric manufacture and garment production. (8 + 8)

Or

- (b) Critically compare 100% inspection and sampling inspections. Also write about quality assurance in garment industry. (8 + 8)

12. (a) Elaborate on statistical quality control and its application in weaving industry. (8 + 8)

Or

- (b) Write about :
- (i) ISO 9000 standards (8)
 - (ii) Quality circles. (8)

13. (a) Develop a flow process grid for seven pocket jeans.

Or

- (b) How do you produce many styles of garments simultaneously? Explain.

14. (a) Write about quality control in pattern making, grading and marking in an apparel industry. (6 + 5 + 5)

Or

- (b) Write about :
- (i) Merchandising standards (8)
 - (ii) Quality control of trims and accessories. (8)

15. (a) Give a detailed note on tolerance and quality standards for fabrics, cutting and stitching in garment industry. (6 + 5 + 5)

Or

- (b) Write about :
- (i) Functions of textiles committee (8)
 - (ii) Standards for apparel warehousing and shipping. (8)