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K 4308

B.E./B.Tech. DEGREE EXAMINATION, MAY/JUNE 2009.

Seventh Semester

Textile Technology (Fashion Technology)

FT 1403 — QUALITY ASSURANCE IN APPAREL PRODUCTION

(Regulation 2004)

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

PART A — (10 × 2 = 20 marks)

1. Enlighten the importance of quality control in an apparel industry.
2. What is meant by sampling inspection?
3. What are the applications of control charts?
4. Define TQM.
5. What is meant by scheduling in Garment production?
6. Specify different types of apparel production systems.
7. List out any four woven fabric defects caused due to weaving process.
8. Give the quality control check points in pattern making and grading.
9. What is cost of quality conformance?
10. What are the quality standards to be considered in Children's garment?

PART B — (5 × 16 = 80 marks)

11. (a) Explain in detail different types of inspection followed in apparel industry and its functions.

Or

- (b) Explain the AQL standards applied in apparel industry for Quality assurance.

12. (a) Discuss the seven tools of statistical quality control and their implication to apparel industry.

Or

- (b) What are the clauses of ISO 9000? Explain its implementation to an apparel industry.

13. (a) Explain the method of developing flow process grid for men's Trousers.

Or

- (b) Explain the scheduling operation using Graph method for the production of men's basic T shirt, by assuming the volume of production and lead time.

14. (a) Explain four point fabric inspection system and compare it with ten point system.

Or

- (b) Discuss the various quality parameters to be analysed in trims and accessories.

15. (a) Give the woven knitted fabric quality standards and tolerance of children's Wear and discuss the importance of each property in detail.

Or

- (b) Give short notes on :

(i) Quality standards in fabric cutting. (8)

(ii) Quality specifications for packing materials. (8)