

E 9249

B.Sc. DEGREE EXAMINATION, NOVEMBER/DECEMBER 2005.

Fifth Semester

Apparel and Fashion Technology

BFT 353 — APPAREL AND QUALITY ASSURANCE

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

PART A — (10 × 2 = 20 marks)

1. What are the factors influencing quality?
2. What is TQM?
3. List down various quality costs.
4. What are the seven tools of quality?
5. What is in-process inspection?
6. What is on-line inspection? What are the merits of on-line inspection?
7. What is 100% inspection?
8. What do you understand by AQL?
9. What is Taguchi's approach on quality management?
10. What do you understand by ISO 9000 series?

PART B — (5 × 16 = 80 marks)

11. (i) Describe the raw material inspection of a garment unit. (6)
(ii) Explain the 4 point system of quality inspection. (10)
12. (a) Discuss in detail the cost of failure, appraisal and preventions. (16)

Or

- (b) Describe the inprocess inspection of a specific garments. What are the quality attributes to be checked? (8 + 8)

13. (a) Discuss the standards and standardisation. Explain ISO 9000 series. (8 + 8)

Or

- (b) State the main features of ISO 14000 and explain.

14. (a) What is acceptance sampling? Discuss the final inspection quality specifications for a specific product.

Or

- (b) What is statistical sampling? Explain AQL with sampling procedures and tables for inspection by attributes.

15. (a) Discuss in detail the TQMEX – model and its need and implementation.

Or

- (b) (i) State the Deming's concepts of TQM. (12)

- (ii) State the four pillars of TQM. (4)