

E 9247

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

Fifth Semester

Apparel And Fashion Technology

BFT 351 — WORK STUDY

(Regulation 2003)

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

PART A — (10 × 2 = 20 marks)

1. List down the productivity losses due to workers.
2. How SAM for a sewing operation could be determined?
3. What is the role of supervisor in work study application?
4. Enlist the essential qualities required for a person conducting the workstudy.
5. Brief about the commonly used method study chart and diagrams.
6. What are the principles of motion economy?
7. Name the various types of error in work sampling.
8. How the basic time for an element could be calculated?
9. What is meant by progressive bundle system?
10. Mention the scope of work study technique in garment finishing department.

PART B — (5 × 16 = 80 marks)

11. (i) Discuss the various factors contributing to productivity improvement in apparel production. (8)
- (ii) Explain the management techniques used for reduction of ineffective time. (8)

12. (a) Explain the various steps involved in conducting work study for manufacturing a T-shirt.

Or

- (b) Explain how the working condition could influence garment production.

13. (a) Explain the basic procedure for conducting method study in sewing department with an example.

Or

- (b) Explain the various techniques used for reducing the movement of workers in an apparel industry.

14. (a) Describe the technique of conducting time study using a stop-watch with an example.

Or

- (b) Explain the various types of allowances added with basic time.

15. (a) Discuss the pros and cons of various garment production systems.

Or

- (b) Develop the motion analysis for cutting and sewing department.
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