B 1300

B.E./B.Tech. DEGREE EXAMINATION, MAY/JUNE 2006.

Eighth Semester

Fashion Technology

FA 007 — WORK STUDY IN APPAREL PRODUCTION

Time : Three hours   Maximum : 100 marks

Answer ALL questions.

PART A — (10 × 2 = 20 marks)

1. Differentiate Production and Productivity.

2. Define Work content.

3. What is the difference between method study and work measurement?

4. What are the factors to be considered in improving the work environment?

5. What are the symbols used in a process flow chart? Name them.

6. What is the purpose of SIMO chart?

7. What are the uses of time study?

8. What are the different types of stop watches used in work measurement and how they are used?

9. Break into elements the job of "cutting" operation.

10. Define batch system of production in a garment unit.

11. (i) Explain the application of work study techniques in stitching and packing operations in a garment industry. (8)

    (ii) What are the different securing systems used in the garment production? Explain them in detail. (8)

12. (a) What are the various kinds of productivity measures? Explain the various factors that affect productivity in positive means and negative means.

Or

    (b) What are the various factors that affect work content? Explain the influence of each factor.

13. (a) How is work study related to the personnels in the apparel unit? Explain their functions and role in work study.

Or

    (b) Explain the process of work study. Illustrate with an example of stitching a men's shirt.

14. (a) What are the various steps in doing a method study? Explain with the help of illustrations, explain the influence of factory layout in method study.

Or

    (b) Detail the principles of motion economy. How does string diagram and multiple activity chart help in method study?

15. (a) What is the objective of time study? What are the various techniques in work measurement? Give a sample of a time study form with a relevant example from the apparel industry and explain?

Or

    (b) Define Standard time? Explain the factors affecting standard time. Describe the various allowances and types of standard data.

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