

Reg. No. : 

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**K 4306**

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

Seventh Semester

Textile Technology (Fashion Technology)

FT 1401 — WORK STUDY IN APPAREL PRODUCTION

(Regulation 2004)

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

PART A — (10 × 2 = 20 marks)

1. What do you mean by material productivity?
2. What do you understand by work content?
3. How does work study improve the productivity of an industry?
4. Outline the influence of working environment on productivity.
5. State the objectives of method study.
6. What is a string diagram?
7. What is time study?
8. Break into elements the job of 'cutting' operation in an apparel industry.
9. State the advantages of work study in stitching department of apparel industry.
10. Define batch system of production in an apparel unit.

PART B — (5 × 16 = 80 marks)

11. (a) Explain the productivity in an apparel industry.

Or

(b) Give a detailed note on factors influencing work content.

12. (a) Write about the basic procedure of work-study in detail.

Or

(b) Explain the impact of work study on functioning of apparel industry.

13. (a) Explain the influence of factory layout on workers movement and material handling.

Or

(b) Write about :

(i) SIMO chart (8)

(ii) Principle of motion economy. (8)

14. (a) Elaborate on :

(i) work measurement techniques (8)

(ii) work sampling. (8)

Or

(b) Write about :

(i) Time study forms (8)

(ii) Standard time. (8)

15. (a) Explain how do you apply work study technique in an apparel industry.

Or

(b) Give a detailed note on merits and demerits of different apparel production systems.