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T 3299

B.E./B.Tech. DEGREE EXAMINATION, APRIL/MAY 2008.

Sixth Semester

Textile Technology (Fashion Technology)

FT 1353 — GARMENT PRODUCTION MACHINERY AND EQUIPMENT

(Regulation 2004)

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

PART A — (10 × 2 = 20 marks)

1. Enlighten the application of feed-of-arm machine.
2. List out the types of overlock stitch machine.
3. Mention the machineries used in constructing a Men T-shirt.
4. Give a note on the functions of looper in a sewing machine.
5. Write a note on the stitch sequence in a flat lock machine.
6. List out the common problems faced in flat lock machine.
7. Mention the functions of folders and their sizes available in the market.
8. List out any two attachment of sewing machines and its functions.
9. Enlighten the speciality of the needle used in blind stitch machine.
10. Give a brief note on Unit production system.

PART B — (5 × 16 = 80 marks)

11. (a) Explain the parts and functions of button hole sewing machine with illustrations.

Or

- (b) Explain the stitch formation and threading procedure of feed-off-the arm machine.

12. (a) Explain the different types of overlock machines and draw the threading diagram for the same.

Or

- (b) Explain the method of adjusting the various parts of overlock machine to suit the purpose.

13. (a) Explain the parts and its application of flat lock stitch machine with diagram.

Or

- (b) Discuss the problems that commonly occur in flat lock machine and also discuss the remedial measure for the same.

14. (a) Explain the special attachments used in the manufacturing of a shirt and trouser.

Or

- (b) Explain the working principle of fusing and pressing machines.

15. (a) Explain the functions of bar tack and blind stitch machines.

Or

- (b) Explain the working principle and advantages of unit production system.