

Question Paper Code : Q 2248

B.E/B.Tech. DEGREE EXAMINATION, NOVEMBER/DECEMBER 2009.

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. Highlight the application of riveting machine.
2. Give the stitching speed of a button hole sewing machine.
3. What is the use of stitch timing diagram?
4. Give the pitch range of feed dog teeth to stitch the medium weight fabrics.
5. Explain any one maintenance task of a "Flat Lock Machine".
6. What is the importance of needle height in sewing operation?
7. Give the application of fusing machine.
8. Name the various types of pressure foot employed in sewing.
9. What is bar tack?
10. Name few machines for button sewing.

11. (a) Explain with neat sketch the principle and working of button sewing machine.

Or

- (b) Compare the various types of special sewing machines for their application, merits and demerits.

12. (a) Explain in detail the functioning of differential feed mechanism of over lock machine.

Or

- (b) Give an account on the maintenance of over lock machines.

13. (a) Explain the following :

(i) Flat lock machine thread diagram. (6)

(ii) Stitch timing diagram — Flat lock machine and (6)

(iii) Stitch sequence — Flat lock machine. (4)

Or

- (b) Write short note on :

(i) Looper. (4)

(ii) Needle. (4)

(iii) Differential feed ratio and (4)

(iv) Feed dog. (4)

14. (a) Explain in detail the principle and working of garment folding machine.

Or

- (b) Explain in detail the principle and working of collar turning machine.

15. (a) Explain in detail the principle and working of blind stitch machine.

Or

- (b) Give an account of the computerised sewing machine.

Time : 7
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