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

Seventh Semester

Textile Technology (Fashion Technology)

FT 1404 — COMPUTER APPLICATION IN APPAREL INDUSTRY

(Regulation 2004)

Time : Three hours   Maximum : 100 marks

Answer ALL questions.

PART A — (10 × 2 = 20 marks)

1. Highlight the concept of computer aided manufacturing.

2. Give a brief note on "CAA".

3. How will you increase the marker efficiency in computerised marker planning?

4. Outline the principle adopted in computerised fabric defect checking.

5. Enlist the operations that are controlled by computerised sewing machine.

6. Give the important features of computerised overhead transport storage system used in apparel industry.

7. Mention the concept applied in the production of "Smart garment".

8. List out the salient features of colour work on CAD system for printing.

9. Enlighten the role of e-commerce in apparel industry.

10. What is meant by "Electronic data Interchange"?

PART B — (5 × 16 = 80 marks)

11. (a) Discuss the importance of internet and web based applications with respect to the growth of apparel industry.

Or

(b) Give a detailed account on the application of CAD/CAM techniques in apparel industry.

12. (a) Explain the tools used and method of drafting patterns and grading using software by quoting an example.

Or

(b) Explain the principle and parts of the computerised cutting machine with illustration.

13. (a) Explain the role and functions of softwares in embroidery and garment designing.

Or

(b) Explain in detail about the computerised unit production system in apparel industry.

14. (a) Discuss the latest developments in electronic based "Smart garments".

Or

(b) Explain the applications of graphics for fabric, garment and product designs.

15. (a) Explain the role of ERP in garment unit with examples.

Or

(b) Discuss the various computer aided management and production control systems used in apparel industry.

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