H 1308

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

Sixth Semester

Fashion Technology

FA 223 — COMPUTER APPLICATION IN APPAREL INDUSTRY

Time : Three hours   Maximum : 100 marks

Answer ALL questions.

PART A — (10 × 2 = 20 marks)

1. What do you mean by Metamerism?

2. Write the types of spreading modes.

3. Classify the monitors based on the signals.

4. What do you mean by grade rule library?

5. Explain the term EDI.

6. Write the role of monochromater.

7. Distinguish between drum bed plotter and bed plotter.

8. Write the role of ERP in apparel industry.

9. Distinguish between pattern generation system and pattern drafting system.

10. Write the role of magic tube in apparel industry.

PART B — (5 × 16 = 80 marks)

11. (i)   List the defect classification.   (4)

    (ii) Write the working method of fabric inspection system with a neat sketch.
                                                                               (12)

12. (a) (i)   Explain the working principle of digitizer.   (12)

        (ii) What do you mean by maker efficiency.   (4)

Or

    (b) Elaborate the role of softwares in computerised pattern creation and grading.
                                                                               (16)

13. (a) Write in detail about the computer application in the administration of apparel industry. (16)

Or

(b) Give an account of CIM and MIS. (16)

14. (a) Explain the working of computer embroidery machine, (16)

Or

(b) Elaborate on the over head transport system and the advantages. (16)

15. (a) Explain the role of computer in the field of smart textile. (16)

Or

(b) Give in detail about the use of CAD in graphics, fabric design and colour work. (16)