Roll No.........................

Printed Pages : 2

8679

BT-6 / M12

COMPUTER AIDED FABRIC MANUFACTURE

Paper–TT-310

Time allowed : 3 hours]　　　[Maximum marks : 100

Note : Attempt any five questions, while selecting one question from each unit. Make neat and clean diagrams.

Unit–I

1. (a) What is CIE colour system ? Explain with the help of example ?　　　10

   (b) Define image processing. What are various steps involved in image processing technique ?　10

2. (a) Define CIM. What are various applications for textile and apparel industry ?　　15

   (b) What is the technique of transfering paper image to computer ?　　　5

Unit–II

3. (a) What are various drive arrangements for electronic dobby ?　　　6

(2)

   (b) With a sample motif, explain the process of pattern transfer and management.　　14

4. (a) Differentiate between features of electronic dobby and jacquard.　　8

   (b) What are various micro-electronic features of electronic dobby ?　　12

Unit–III

5. Explain the process of designing and sketching of a print based on twill base.　　20

6. Define geometrical ornamentation. Draw a tri-symmetrical motif for summer wear.　　20

Unit–IV

7. Define narrow weaving. Explain the process of narrow fabric production through computer-aided designing.　　20

8. (a) Explain the working principle of computer aided 3D-draping process ?　　12

   (b) What are various features of latest embroidery machines ?　　8