

Roll No.

Total No. of Pages : 2

BT6/M11

8682

Computer Aided Fabric Manufacture

Paper : TT-310

Time : Three Hours]

[Maximum Marks : 100

Note :— Attempt any **FIVE** questions, while selecting at least **ONE** question from each unit. Make neat and clean diagrams.

UNIT—I

1. (a) Define CIM. What are various components of an automated system? Explain with the help of an example. 15
- (b) What is the process of transferring a sketch on paper to the computer? 5
2. Explain motif-designing-process with the help of a latest software. 20

UNIT—II

3. (a) Explain the working principle of electronic dobby designing process. 8
- (b) Explain with an example, the working of latest electronic jacquard. 12
4. (a) What are various derive arrangements for electronic dobby? 6
- (b) With a simple motif, explain the process of efficient pattern transfer and managements. 14

UNIT—III

5. (a) With an example, label and explain algorithm design for jacquard. 15
- (b) What are various base arrangements for geometrical ornamentation? 5
6. Define geometric ornamentation. Draw a bisymmetric motif for summer-wear. 20

UNIT—IV

7. Explain with the help of latest embroidery machine, the working and features suitable for today's quality oriented apparel industry. 20
8. With the help of latest software, explain the 3-dimensional draping of garments. 20