2 Hours/50 Marks

Seat No.

MARKS

1. Attempt **any seven** of the following :   **14**

   a) State the concept of CAD-CAM in garment manufacturing.

   b) Write the usages of CAD-CAM in garment industry.

   c) What is meant by pattern grading ?

   d) State the importance of bell-bottom trouser.

   e) Write the advantages of computerized marker making system.

   f) What are the steps to be observed while developing marker plan for women's party wear ?

   g) Write the specific objectives of scanning technology.

   h) State the benefits of 3D scanning technology.

   i) List the various software tools of CAD system.

   j) State the importance of grade rules in computer pattern grading.

2. Attempt **any three** of the following :   **12**

   a) Explain the software and hardware used in CAD-CAM.

   b) Compare manual and CAD system.

   c) Write the drafting steps for any pattern.

   d) Explain process of computerized pattern maker making.

   e) Describe the process of computerised pattern grading.

3. Attempt **any two** of the following : **12**

   a) State importance of "computer digitising". Explain digitising process.

   b) Develop marker plan for children's play time wear and how to calculate marker efficiency for fabric width of 36″.

   c) Explain process of 2D to 3D conversion technology.

4. Attempt **any three** of the following : **12**

   a) Compare pattern making and pattern grading.

   b) Explain the techniques used for construction of pattern shapes.

   c) How is flared skirt constructed by dart manipulation ? Explain.

   d) Explain drape evaluation of 3D garment simulation in brief.

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