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Total No. of Questions: [09]

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B.Sc. FT (Semester – 3rd)
GARMENT MANUFACTURING TECHNOLOGY-I
Subject Code: BFTE2319
Paper ID: 130210

Time: 03 Hours

Maximum Marks: 60

Instruction for candidates:

1. Section A is compulsory. It consists of 10 parts of two marks each.
2. Section B consist of 5 questions of 5 marks each. The student has to attempt any 4 questions out of it.
3. Section C consist of 3 questions of 10 marks each. The student has to attempt any 2 questions.

Section – A

(2 marks each)

- Q1. Attempt the following:
- a) Define the history of sewing.
 - b) Explain the importance of stitches in fashion.
 - c) List and briefly explain the various parts of a sewing machine.
 - d) Differentiate between inside curved seam and outside curved seam.
 - e) What is the significance of intersecting seam in garment manufacturing?
 - f) Define needle sizing and its relation to fabric and sewing quality.
 - g) Describe the structure and specifications of sewing machine needles.
 - h) Explain the concept of seam finishes.
 - i) Discuss the classification and applications of different types of seams.
 - j) Define sewing threads and explain their properties.

Section – B

(5 marks each)

- Q2. Discuss the evolution of sewing and sewing machineries.
- Q3. Explain the importance of needles in garment manufacturing. Differentiate between various types of needles.
- Q4. Describe the graphical representation of seams and their finishing techniques.
- Q5. Discuss the classification and applications of different types of stitches in garment manufacturing.
- Q6. Analyze the common sewing problems encountered in industrial processes and suggest solutions.

Section – C

(10 marks each)

- Q7. Illustrate the contribution of stitches in fashion evolution. Discuss how stitches have impacted garment design and manufacturing processes.
- Q8. Explain in detail the seam properties and their application in relation to different fabrics and apparel. How do these properties affect performance, costs, and quality in industrial sewing processes?
- Q9. Describe the various types of machine stitches used in garment manufacturing, highlighting their characteristics and applications. Discuss common sewing problems associated with each stitch type and propose solutions.