Roll No…….. **Total No. of Printed Pages: 1**
Total No. of Questions: [09]

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. What is the role of stitches in fashion?
b. Define two basic stitch formations.
c. What is the needle cutting index?
d. Explain the significance of needle sizing in sewing.
e. Describe the term "extended seam allowance."
f. What are common issues encountered in stitch formation?
g. What are the key properties of sewing threads?
h. Define an enclosed seam and its application.
i. Explain how the structure of a sewing machine needle impacts the sewing process.
j. What is a pinked seam finish?

Section – B **(5 marks each)**

Q2. Explain in detail about the evolution of sewing machines over time.
Q3. Explain the structure and specifications of sewing machine needles including their parts.
Q4. Illustrate and explain different types of seams with their graphical representations.
Q5. What are the common sewing problems related to fabric damage along the stitch line? Suggest ways to mitigate these problems.
Q6. Explain the types of sewing threads, their properties and impact on seam performance.

Section – C **(10 marks each)**

Q7. Elaborate on the classification of machine stitches and their applications.
Q8. Explain in detail about sewing machine and its parts with a diagram.
Q9. Discuss the evolution of sewing techniques and their impact on modern garment construction.