Roll No……..….. **Total No. of Printed Pages: [01]**
Total No. of Questions: [11]

M. Tech. Textile (Part-Time) (Semester – 2nd)
APPAREL TECHNOLOGY
Subject Code: MTEXS1103
Paper ID: [22201106]

Time: 03 Hours **Maximum Marks: 60**

Instruction for candidates:

1. Section A is compulsory. It carries 16 marks. It consists of 4 questions of 4 marks each.
2. Section B consist of 4 questions of 8 marks each. The student has to attempt any 3 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 **(4 marks each)**

Q1. How can you classify the garment manufacturing industry?

Q2. Discuss factors affecting yarn tension and stitch length of a seam during stitching.

Q3. Mention some measures for effective quality control in garment manufacturing industry.

Q4. Discuss the significance of Work, motion & time study in apparel industry.

Section – B **(8 marks each)**

Q5. Explain in details with neat diagrams, various stitches and seams with their characteristics and uses.

Q6. Discuss in detail about the Line Balancing techniques.

Q7. Explain in brief about trims used for garment construction along with their functions.

Q8. Define and illustrate Pattern Making and pattern grading. Briefly explain the steps of pattern making of any given garment design.

Section – C **(10 marks each)**

Q9. Discuss about development in pattern making, planning, spreading & cutting process.

Q10. With neat diagram, show and discuss different components of any one industrial sewing machine.

Q11. Discuss in detail about computer Integrated production planning & management systems