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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