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Total No. of Questions: 08

M.Sc.(Garment Manufacturing Technology) (2015 to 2017) (Sem.-1) FUNDAMENTALS OF TECHNOLOGY

FOR APPAREL MANUFACTURING Subject Code: MSc.GMT-102

Paper ID: [A2165]

Time: 3 Hrs. Max. Marks: 60

INSTRUCTION TO CANDIDATES:

- 1. The paper contains 8 questions. Attempt 5 questions in all, at least one from each unit.
- 2. All questions carry 12 marks.

UNIT-I

- Q1. Describe the engineering mechanism for the following:
 - a) Cam
 - b) Gear
- Q2. Discuss the Screw Feeding mechanism in different machines in the garment industry.

UNIT-II

- Q3. Explain the 3 phase current principle of electric motors.
- Q4. What is a multimeter? Discuss the working principle and usage of a multimeter.

UNIT-III

- Q5. Differentiate between properties and applications of Ferrous and non-ferrous metals.
- Q6. Explain metal drawing, injection moulding and blow moulding.

UNIT-IV

- Q7. Define ergonomics. What is the application of ergonomics in the garment industry?
- Q8. Explain the use of motion study to improve the efficiency of the industrial activities.

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