

Total No. of Pages : 02

Total No. of Questions : 07

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

INTRODUCTION TO KNITTING

Subject Code : MScGMT-111

Paper ID : [A2169]

Time : 3 Hrs.

Max. Marks : 60

INSTRUCTION TO CANDIDATES :

1. Question no. 1 is **COMPULSORY** carries of **TWENTY** marks.
2. Attempt any four questions, One from each **UNIT**, and fourth from any **UNIT**, each question carries 10 marks.

Q1. Write short notes on the following :

- Knitted loops
- Bard needle
- Knitting Cams
- Course and Wale
- Laddering
- Sinker
- Single jersey
- GSM
- Float
- Production rate

UNIT-I

- Q2. Differentiate between woven and knitted fabrics in terms of bending, thickness, air permeability and strength.
- Q3. Explain the working of different types of knitting needles used in :
- a) Weft knitting
 - b) Warp knitting

UNIT-II

- Q4. Explain in detail, the role of knitting sinkers in manufacturing knitted garments.
- Q5. Explain in detail, the various Weft knitted stitches and draw their structures which are used in manufacturing fully fashioned garments.

UNIT- III

- Q6. Explain the construction and working of a warp knitting machine.
- Q7. Give names of the common knitted fabrics produced by weft and warp knitting. Also explain the various defects that arise in knitted fabrics.