

SECTION-D

Note: Long answer type questions. Attempt any two questions out of three questions. (2x8=16)

Q.23 Draw and explain Latch and compound needle.

Q.24 Differentiate between woven and knitted fabric.

Q.25 How the rib fabric is produced? Draw the derivative of rib fabric and explain its characteristics and uses.

No. of Printed Pages : 4

Roll No.

222733

3rd Sem / Textile Technology

Subject : Knitting Technology

Time : 3 Hrs.

M.M. : 60

SECTION-A

Note: Multiple choice questions. All questions are compulsory (6x1=6)

Q.1 Width wise row of loops in knitted fabric are called as?

- a) course
- b) Wale
- c) Fabric
- d) Loop

Q.2 Which cam is not used for the movement needle during knitting cycle.

- a) Rotating cam
- b) Stitch cam
- c) clearing cam
- d) Guard cam

Q.3 Which knitted fabric is used in collar?

- a) plain
- b) rib
- c) purl
- d) interlock

- Q.4 Which needle is self-activated needle?
- a) Latch
 - b) Spring bearded
 - c) Compound
 - d) None
- Q.5 Which is a derivative of plain knitted fabric?
- a) full cardigan
 - b) Milano
 - c) Double lacoste
 - d) Pique
- Q.6 Tex is weight in _____ over length in 1000 mts?
- a) ozs
 - b) pound
 - c) gram
 - d) kilogram

SECTION-B

Note: Objective/ Completion type questions. All questions are compulsory. $(6 \times 1 = 6)$

- Q.7 Feed material for warp knitting is _____
- Q.8 Length of yarn in a knitted loop is called as _____
- Q.9 _____ set of needles are used to produce double jersey fabric.
- Q.10 Cone or cheese are the feed material for _____
- Q.11 _____ cam is used for raising of latch needle during knitting cycle.

- Q.12 Three types of fabric formation are woven, _____ and non woven

SECTION-C

Note: Short answer type questions. Attempt any eight questions out of ten questions. $(8 \times 4 = 32)$

- Q.13 Discuss any five faults produced due to material in the knitted fabric.
- Q.14 Draw face and back stitch.
- Q.15 Draw Spring beard needle with part names.
- Q.16 Draw the passage of material through circular machine with neat and clear diagram
- Q.17 Define and give characteristics of float stitch.
- Q.18 Give derivatives of interlock knitted fabrics.
- Q.19 Explain the production of Y heel.
- Q.20 Draw the representation of tuck stitch. Explain its characteristics and uses.
- Q.21 Explain any five-quality requirement of knitted fabrics.
- Q.22 A plain knitted fabric is prepared with 24 Ne on machine with 24 CPI and total of 2400 needles. Number of stitches per inch is 12. Give weight of fabric per linear yard.