

- Q.29 Give end use of rib fabric.
 - Q.30 Give any 3 types of hose.
 - Q.31 Give 5 derivatives of rib knitted fabrics.
 - Q.32 Define under lap and overlap?
 - Q.33 How hose is produced?
 - Q.34 Draw Atlas.
 - Q.35 What is laddering? Give causes and remedies.

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5th Sem / Branch : Text. Design/Text Tech. Sub.: Knitting Technology

Time : 3Hrs.

M.M. : 100

SECTION-A

Note: Multiple choice questions. All questions are compulsory (10x1=10)

SECTION-D

Note: Long answer type questions. Attempt any two questions out of three questions. (2x10=20)

- Q.36 Compare Warp and weft knitting.

Q.37 Draw knitting cycle of Latch needle.

Q.38 Compare Racshel with Tricot warp knitting machines.

Q.6 Two rib interlocked in each other form which type of knitted fabric?

- a) Plain
- b) Rib
- c) Purl
- d) Interlock

Q.7 Which needle is called as self actuating needle?

- a) Latch
- b) Spring bearded
- c) Compound
- d) None

Q.8 Which is not a derivative of plain knitted fabric?

- a) Pique
- b) Single lacoste
- c) Double lacoste
- d) Fred perry

Q.9 Which is a warp knitted fabric

- a) Atlas
- b) Rib
- c) Purl
- d) Interlock

Q.10 Out of these which is a term related to warp knitting?

- a) Lacoste
- b) Tricot
- c) Pique
- d) Spot figuring

SECTION-B

Note: Objective type questions. All questions are compulsory. $(10 \times 1 = 10)$

Q.11 Knitting is..... of loop.

Q.12 Horizontal row of loops is called.....

Q.13 is interlacement of warp and weft.

Q.14 Feed material for weft knitting is.....

Q.15 Latch needle is called as needle.

Q.16 Weft knitted fabric made on V shape flat bed is called fabric.

Q.17 English count has yards in one hank.

Q.18 Interlock fabric is combination of two fabrics.

Q.19 Rib structure is formed by having alternately and back stitches.

Q.20 is numbers of needles per inch.

SECTION-C

Note: Short answer type questions. Attempt any twelve questions out of fifteen questions. $(12 \times 5 = 60)$

Q.21 Define count and Denier.

Q.22 Draw face and back stitch.

Q.23 Draw Compound needle with part names.

Q.24 Give derivatives of plain knitted fabric.

Q.25 Draw cam of knitting machine.

Q.26 Draw and explain sinker.

Q.27 Give characteristics of different type of knitted stitch.

Q.28 Calculate knitted fabric length per hour. Given number of feeders = 36, machine speed = 18 rpm, stitch length = 0.15", number of needles = 1800, yarn count = 30 Ne. fabric is knitted with 20 courses / inch with 85% efficiency.