

- 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.

#### 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.

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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)

- Q.1 One hank in English count is equal to how many yards?  
 a) 200 b) 480  
 c) 560 d) 840
- Q.2 In count length in hanks is divided by?  
 a) Meter b) Pound  
 c) Gram d) Kilogram
- Q.3 Knitting is intermeshing of  
 a) Warp b) Weft  
 c) Fabric d) Loop
- Q.4 Which knitted fabric is used in collar?  
 a) Plain b) Rib  
 c) Purl d) Interlock
- Q.5 Denier is weight in.....over length in 9000 mts?  
 a) OZS b) Pound  
 c) Gram d) Kilogram

- 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. (10x1=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. (12x5=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 plan 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 course / inch with 85% efficiency.