

- Q.26 Draw and explain sinker.

Q.27 What is Laddering ? Give causes and remedies.

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.

Q.29 Give end use of rib fabric.

Q.30 Calculate weight per linear yard in pounds, given that a cotton yarn of 20 Ne is being stitched for plain knitted fabric with 18 CPI on 1200 needles. Number of stitches per inch is 3.

Q.31 Give 5 derivatives of rib knitted fabrics.

Q.32 Give characteristics of different type of knitted stitch.

Q.33 Draw Atlas.

Q.34 What is overlap and underlap in warp knitted fabric?

Q.35 What is open and closed lap in warp knitting?

## **SECTION-D**

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

- Q.36 Draw knitting cycle of Latch needle.

Q.37 Compare woven and knitted fabric .

Q.38 What is hose? Explain production of Y heel

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4th Sem / Textile Tech.  
Subject:- knitting Technology

Time : 3Hrs.

M.M. : 100

## **SECTION-A**

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

- Q.1 Knitting is intermeshing of

  - a) warp
  - b) Weft
  - c) Fabric
  - d) Loop

Q.2 One hank in English count is equal to how many yards?

  - a) 200
  - b) 480
  - c) 560
  - d) 840

Q.3 In count length in hanks is divided by?

  - a) meter
  - b) pound
  - c) gram
  - d) kilogram

Q.4 Denier is weight in \_\_\_\_\_ over length in 9000 mts?

  - a) ozs
  - b) pound
  - c) gram
  - d) kilogram

**Q.5** Which knitted fabric is used in collar?

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

**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** Out of these which is a term related to warp knitting?

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

**Q.10** Which is a warp knitted fabric?

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

## **SECTION-B**

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

**Q.11** \_\_\_\_\_ is interlacement of warp and weft.

**Q.12** Latch needle is called as \_\_\_\_\_ needle.

**Q.13** Feed material for weft knitting is \_\_\_\_\_.

**Q.14** Course is \_\_\_\_\_ row of loops.

**Q.15** \_\_\_\_\_ is numbers of needles per inch.

**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** Knitting is \_\_\_\_\_ of Loops

## **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 stitch.

**Q.23** Draw Compound needle with part names.

**Q.24** Give derivatives of plain knitted fabric.

**Q.25** Draw cam of knitting machine.