

- Q.32 Give characteristics of different type of knitted stitch.
- Q.33 Discuss knitted fabric defects.
- Q.34 Discuss open and closed lap with diagram.
- Q.35 Define under lap and overlap?

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**4th Sem, Branch :Textile Tech.
Subject : Knitting Technology**

Time : 3 Hrs.

M.M. : 100

SECTION-D

Note : Long Answer type question. Attempt any two questions. $(2 \times 10 = 20)$

- 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.

b)

SECTION-A

Note : Multiple choice questions. All questions are compulsory. $(10 \times 1 = 10)$

- 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 Loop in which last loop is retained and new loop also enter is called as?
 a) Face loop b) Back loop
 c) Miss d) Tuck
- Q.5 Which knitted fabric is used in collar?
 a) Plain b) Rib
 c) Purl d) Interlock

- Q.6 Interlocked knitted fabrics is combination of?
- Plain
 - Rib
 - Purl
 - Tuck
- Q.7 Which needle has spoon?
- Latch
 - Spring bearded
 - Compound
 - None
- Q.8 Which is a derivative of plain knitted fabric?
- Atlas
 - Full Cardigan
 - Swiss rib
 - Single lacoste
- Q.9 Out of these which is a term related to warp knitting?
- Lacoste
 - Tricot
 - Pique
 - Spot Figuring
- Q.10 Which is a warp knitted fabric?
- Atlas
 - Rib
 - Purl
 - 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 Course is _____ row of loops.
- Q.14 Weaving is inter lacement of _____ and _____.
- Q.15 Jersey fabric is made on _____ set of needle.
- Q.16 In weft knitting _____ yarn can make the whole fabric.

- Q.17 Number of stitches per unit area is _____.
- 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 Define and draw face loop.
- Q.25 Give derivative to rib knitted fabric.
- Q.26 Draw knitting cycle of compound needle.
- Q.27 Give characteristics and uses of tuck stitch?
- Q.28 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.
- Q.29 Give most common defects of knitted 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.