

- Q.28 Give the characteristics of tuck stitch and its uses.
- Q.29 Write the formula for speed of fabric production.
- Q.30 Briefly explain the advantages of knitted fabrics.
- Q.31 Give derivatives of plain knitted fabrics.
- Q.32 Name different types of needles. Explain any one in brief.
- Q.33 Briefly explain different defects in knitted fabrics.
- Q.34 Write a note about the lapping movement in Raschel machine.
- Q.35 Discuss yarn parameters required for hosiery yarn in detail.

#### SECTION-D

- Note:** Long answer type questions. Attempt any two questions out of three questions. (2x10=20)
- Q.36 Explain the passage of material through circular bed knitting machine.
- Q.37 Differentiate between warp and weft knitting.
- Q.38 Briefly describe tricot machines.

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#### 5th Sem./ Textile Design / Textile Technology

#### Subject:- Knitting Technology

Time : 3Hrs.

M.M. : 100

#### SECTION-A

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

- Q.1 Intarsia are
- |               |                      |
|---------------|----------------------|
| a) plain knit | b) hand knit         |
| c) plush knit | d) none of the above |
- Q.2 Which of these is not wrap knitting
- |            |            |
|------------|------------|
| a) tricot  | b) raschel |
| c) simplex | d) tuck    |
- Q.3 Maximum number of loops that can be skipped in float is
- |      |      |
|------|------|
| a) 1 | b) 2 |
| c) 4 | d) 6 |
- Q.4 A course is a
- |                                   |
|-----------------------------------|
| a) loop running across the fabric |
| b) loop running in wrap direction |
| c) high pile                      |
| d) ladder                         |

- Q.5 Weaving means
- interlocking of warp and weft
  - looping of yarn
  - braiding
  - knotting
- Q.6 Which of these is not a type of knitting needle
- spring beard
  - latch needle
  - compound needle
  - crochet hook
- Q.7 A float stitch shows as a
- hole in the fabric
  - horizontal yarn in 'U' shape on reverse
  - yarns criss crossing on reverse
  - different colour pattern
- Q.8 Which is not type of knitting machine
- circular
  - flat bed
  - v bed
  - pit loom
- Q.9 Which is not a stitch of weft knitting
- rib stitch
  - purl stitch
  - tuck stitch
  - Milanese knit
- Q.10 In warp knitting,
- needle loops its own thread
  - needle produces parallel rows of loops
  - stitches appear vertical but at slight angle
  - all of these

## SECTION-B

**Note:** Objective type questions. All questions are compulsory. (10x1=10)

- Q.11 Define weft knitting.
- Q.12 What is loop?
- Q.13 Name different types of needles used in knitting.
- Q.14 Define wale.
- Q.15 Which knitting machine will produce flat fabric.
- Q.16 Define warp yarn.
- Q.17 The horizontal row of loop is called \_\_\_\_\_.
- Q.18 What is gauge?
- Q.19 Name two types of warp knitting machines.
- Q.20 Draw a closed loop.

## SECTION-C

**Note:** Short answer type questions. Attempt any twelve questions out of fifteen questions. (12x5=60)

- Q.21 Explain briefly the basic knitting action of needle.
- Q.22 Write the advantage of latch needles.
- Q.23 What are the major functions of a sinker.
- Q.24 Briefly describe overlap.
- Q.25 Write in brief the end uses of rib knit fabric.
- Q.26 Draw a knit stitch.
- Q.27 Describe the parts of spring beard needle with neat diagram.