

- 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.