

SECTION-D

Note: Long answer questions. Attempt any two questions out of three Questions. **(2x8=16)**

- Q.23 Write the difference between warp and weft knitting technology.
- Q.24 Explain the passage of materials through the flat bed knitting machine with a neat sketch diagram.
- Q.25 Explain the various types of representation methods for knitted structures.

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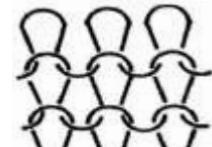
**3rd Sem.
Branch : Textile Technology
Sub.: Knitting Technology**

Time : 3 Hrs.

M.M. : 60

SECTION-A

Note: Multiple type Questions. All Questions are compulsory. **(6x1=6)**

- Q.1 Select the correct representation of the shown knit loop.
- a) b) c) d) None of the above
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- Q.2 For the knit structure shown, count the number of Wales.
- a) 3 b) 4
c) 5 d) 6
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- Q.3 12 gauge represent in knitting machine.
- a) 12 Inch of machine width
b) 12 Ne of yarn
c) 12 cm of fabric
d) 12 needles per inch

- Q.4 T Shirt is an example of
- a) Knitting
 - b) Braiding
 - c) Spinning
 - d) All of the above
- Q.5 Which is not a derivative of plain knitted fabric?
- a) Single Lacoste
 - b) Piqueb
 - c) Double Lacosted
 - d) Fred perry
- Q.6 The interlacement of warp and weft yarn known as
- a) Knitting fabric
 - b) Woven fabric
 - c) Nonwoven fabric
 - d) Braided fabric

SECTION-B

Note: Objective/Completion type questions. All questions are compulsory. **(6x1=6)**

- Q.7 Define the term stitch density.
- Q.8 What is weft knitting?
- Q.9 Define the term Wales.
- Q.10 Define single jersey fabric.
- Q.11 Write the name of two derivatives of plain knit fabric.
- Q.12 Interlock fabric is the combination of two _____ fabrics.

SECTION-C

Note: Short answer type Questions. Attempt any eight questions out of ten Questions. **(8x4=32)**

- Q.13 Discuss the knitted fabric defect.
- Q.14 Discuss the derivatives of rib knitted fabric.
- Q.15 Write the difference between the latch needle and the spring bearded needle.
- Q.16 Define and give characteristics of float stitch.
- Q.17 Write the difference between knitting and weaving.
- Q.18 Write the difference between plain and rib knitted fabric.
- Q.19 Explain the various types of cams and their function.
- Q.20 Draw the neat sketch diagram of the latch needle with the part's name.
- Q.21 Write the ten applications of weft knit fabric.
- Q.22 Define the following terms:
- a) Laying in knitting
 - b) Loop length
 - c) Cam
 - d) Stitch density