

- Q.30 Compare knitted fabrics with woven fabrics.
 - Q.31 Explain the ornamentation of plain-knit structures.
 - Q.32 Construct the diagram of lapping movement of closed atlas lap.
 - Q.33 Construct the technical face side of float knit stitch.
 - Q.34 Construct the technical face side of tuck knit stitch.
 - Q.35 Give the fabric defects and their probable cause for single jersey fabrics.

SECTION-D

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

- Q.36 Compare weft knitting with warp knitting.

Q.37 Explain the cycle of knitting operation for rib knit fabrics with diagrams.

Q.38 Discuss the knitting cycle on a Roshel machine with neat and diagrams.

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6th Sem / Branch : Textile Design Sub. : Knitted Design

Time : 3Hrs.

M.M. : 100

SECTION-A

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

- Q.1 Knitted fabric is _____ than woven fabric constructed from the same yarn.

 - a) Rigid
 - b) Harder
 - c) Softer
 - d) None of these

Q.2 Air permeability of knitted fabric is _____ than the woven fabric constructed from the same material

 - a) Lesser
 - b) More
 - c) Equal
 - d) None of these

Q.3 In weft knitting, the yarns are fed _____

 - a) Course wise
 - b) Wale wise
 - c) Both course wise and wale wise
 - d) None of these

Q.4 Which of the following fabrics are more dimensionally stable.

 - a) Weft knit
 - b) Warp knit

- c) Both are equal dimensionally stable
d) None of these
- Q.5** On the technical face side of a single jersey
a) Semi circles are formed
b) V shaped loops are formed
c) Diagonal lines are formal
d) None of these
- Q.6** Which of the following is a knitting element?
a) Needle b) Cylinder
c) Sinker d) All of these
- Q.7** Rib knit structure is _____ than the single jersey structure with similar gauge.
a) Lighter b) Thinner
c) Thicker d) None of these
- Q.8** A spring beard needle has _____.
a) Beard b) Stem
c) Butt d) All of these
- Q.9** A single jersey structure is _____.
a) Reversible b) None reversible
c) Balanced d) None of these
- Q.10** 1x2 rib weft knit structure is a _____.
a) Un balanced structure
b) Balanced structure
c) Sometimes balanced structure and sometimes un balanced structure
d) None of these

SECTION-B

- Note:** Objective type questions. All questions are compulsory. (10x1=10)
- Q.11 Name any two parts of compound needle.
Q.12 Define a sinker loop.
Q.13 Define gauge of a knitting machine.
Q.14 Construct the diagram of a face loop stitch.
Q.15 Construct the diagram of 2x2 rib knit structure.
Q.16 Define weft knitting.
Q.17 What is robbing back?
Q.18 Define open loop.
Q.19 What is overlap?
Q.20 Trick plate is used in which machine?

SECTION-C

- Note:** Short answer type questions. Attempt any twelve questions out of fifteen questions. (12x5=60)
- Q.21 Explain the knitting action of spring-beared needle.
Q.22 Write about the characteristics of a rib knit structure.
Q.23 Explain the characteristics of interlock structure.
Q.24 Explain the knit, float and tuck stitches with suitable diagrams.
Q.25 Discuss the accordion type structure with diagram.
Q.26 Write about the half cardigan by suitable diagram.
Q.27 Discuss about the full cardigan by suitable diagram.
Q.28 Explain full tricot lapping movement.
Q.29 Explain locknit lapping movement.