

1st Year / Textile Processing

Subject : Basics of Textile Fibers & Processes

Time : 3 Hrs.

M.M. : 60

SECTION-A

Note: Multiple choice questions. All questions are compulsory (6x1=6)

- Q.1 Inter looping of warp and weft is called
- a) Spinning b) knitting
 - c) Weaving d) none of them
- Q.2 Machine used for woven fabric is called_____.
- a) loom b) warping
 - c) spinning d) none of them
- Q.3 To reduce sliver to suitable diameter is objective of
- a) dyeing b) printing
 - c) Speedframe d) knitting
- Q.4 Process of removing size from grey fabric is called_____.
- a) weaving b) spinning
 - c) knitting d) desizing

Q.5 A size solution contain

- a) Adhesives b) lubricants
- c) binding agent d) all of them

Q.6 Length wise set of thread is called

- a) Warp b) Weft
- c) Weaving d) Spinning

SECTION-B

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

Q.7 Name any Two Weaving Motions.

Q.8 Filament is _____ Fibre.

Q.9 _____ is a Seed Fibers. (Wool/Cotton)

Q.10 Lap is feed Material for _____ machine in spinning. (Carding/weaving)

Q.11 _____ machine is heart of spinning. (Warping/ Carding)

Q.12 Viscose Rayon is _____ Fiber. (Synthetic / Regenerated)

SECTION-C

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

Q.13 Give Process flow chart of conversion of yarn into fabric.

Q.14 Explain pigment theory of color.

Q.15 What is the purpose of sizing.

Q.16 Write four objective of Speed frame.

Q.17 Write Types of knitted Stitches . Explain.

Q.18 Classify Weaving Loom based on Picking mechanism.

Q.19 How blending is different from mixing.

Q.20 Give any four objective of winding.

Q.21 Explain indirect system of count?

Q.22 Write four objective of Carding.

SECTION-D

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

Q.23 Explain how yarn is made from fiber discuss with process flow chart.

Q.24 Discuss Working of circular knitting machine with diagram.

Q.25 Explain Working of Weaving Machine with its passage.