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**1st Year / Textile Design
Sub : Textile Processes**

Time : 3 Hrs.

M.M. : 60

SECTION-A

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

- Q.1 The delivered material of speed frame is
a) Silver b) Roving
c) Yarn d) Lap
- Q.2 Moisture regain of viscose fibre is
a) 4% b) 8%
c) 11% d) 24%
- Q.3 Which of the following is an example of animal fiber
a) Jute b) Nylon
c) Acrylic d) Wool
- Q.4 The yarn is supplied in the form of cone or cheese in
a) Warp knitting b) Weft knitting
c) Both A & B d) None

- Q.5 Horizontal row of loop in knitted fabric structure is known as
a) Wale b) Warp
c) Course d) Weft
- Q.6 Delivery material of carding machine in spinning is
a) Lap b) Sliver
c) Roving d) Yarn

Section-B

Note: Objective/Completion type questions. All questions are compulsory. $(6 \times 1 = 6)$

- Q.7 Viscose is an example of regenerated fiber (True/False)
- Q.8 Tell any one function of a blowroom.
- Q.9 Knitting is the process of _____ of loops of yarn.
- Q.10 Define Picking.
- Q.11 The yarn is fed warp wise in case of warp knitting.
(True/False)
- Q.12 Define Warping.

Section-C

Note: Short answer type Questions. Attempt any eight questions out of ten Questions. $(8 \times 4 = 32)$

- Q.13 List four important parts of a ring frame machine.

- Q.14 Describe any three uses of nylon fibre.
- Q.15 Define warp knitting and list its two applications.
- Q.16 Differentiate between woolen and worsted yarns.
- Q.17 List the objectives of weaving process.
- Q.18 Describe primary and secondary motions of weaving.
- Q.19 Describe the process flow of cotton yarn manufacturing.
- Q.20 Describe three physical and three chemical properties of polyester fibre.
- Q.21 List any four objectives of blow room.
- Q.22 Draw process flow chart of cotton spinning system.

Section-D

Note: Long answer questions. Attempt any two questions out of three Questions. $(2 \times 8 = 16)$

- Q.23 What do you mean by Weaving. Explain the types of weaving motions in detail with diagram.
- Q.24 Explain the method of production of acrylic yarn. Also describe the physical and chemical properties of acrylic yarn.
- Q.25 Explain the cotton spinning system of yarn manufacture in detail.