

No. of Printed Pages : 4
Roll No.....

182513

1st Year Annual Pattern (Re-app)
Branch : 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 Yarn is supplied in the form of beam in
a) Warp knitting b) Weft knitting
c) Both A & B d) None
- Q.2 Which of the following fiber is a natural filament
a) Cotton b) Nylon
c) Silk d) Polypropylene
- Q.3 Deliver material of ring frame in spinning is
a) Lap b) Silver
c) Roving d) Yarn
- Q.4 Which of the following is a bast fiber
a) Wool b) Silk
c) Cotton d) Jute
- Q.5 Moisture regain of the wool is
a) 10% b) 13%

- c) 8.30% d) 6%
- Q.6 Ginning is the process related to which fibre
a) Wool b) Silk
c) Cotton d) Ramie

Section-B

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

- Q.7 Define warp knitting.
- Q.8 Spinning is the process in which fiber is converted into yarn. (True/False)
- Q.9 _____ is an example of man-made fibre.
- Q.10 Cotton fiber is obtained from seed of the plant. (True/False)
- Q.11 Carding is known as the _____ of spinning.
- Q.12 Give an example of hair fiber.

Section-C

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

- Q.13 Describe winding and warping process in brief.
- Q.14 Tell any four difference between warp & weft knitted fabrics.

- Q.15 What are the objectives of blow room.
- Q.16 Describe three physical and three chemical properties of nylon fibre.
- Q.17 Describe principle of working of ring frame.
- Q.18 Tell three uses of acrylic and jute fiber.
- Q.19 Differentiate between warp and weft knitting.
- Q.20 Describe combed yarn and carded yarn.
- Q.21 Describe the physical properties of silk fiber.
- Q.22 Describe process flow of cotton yarn manufacture.

Section-D

Note: Long answer questions. Attempt any Two question out of Three Question. $(2 \times 8 = 16)$

- Q.23 Explain the process flow of woolen and worsted system of yarn manufacture.
- Q.24 Explain the method of production of polyester yarn. Also describe the physical and chemical properties of polyester yarn.
- Q.25 What do you mean by Knitting. Explain the types of knitting in details with diagram.