

No. of Printed Pages : 4

Roll No.

182615

**1st Year / Branch: Textile Proc.
Subject : Basics of Textile Fibres & Processes**

Time : 3 Hrs.

M.M. : 60

SECTION-A

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

Q.1 Blow room is related to?

- a) Weaving
- b) Spinning
- c) Knitting
- d) Dyeing

Q.2 Silk is which fibre?

- a) Synthetic
- b) Regenerated
- c) Plant
- d) Protein

Q.3 Conversion of yarn to fabric is called _____.

- a) Weaving
- b) Spinning
- c) Knitting
- d) Dyeing

Q.4 Which of the following is a synthetic fibre?

- a) Nylon
- b) Cotton
- c) Silk
- d) Viscose rayon

- Q.5 What is applied to warp yarns to increase strength?
a) Size b) Sugar
c) Water d) Clay

- Q.6 Loom is _____ machine.
a) Finishing b) Spinning
c) Knitting d) Weaving

Section-B

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

- Q.7 Define spinning.
Q.8 Name any two regenerated fibres.
Q.9 Name any two primary colors.
Q.10 What is weaving?
Q.11 Why sizing is not done on weft yarns?
Q.12 Name any two bast fibres.

Section-C

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

- Q.13 Define is count. Write name of any 4 direct count system?

- Q.14 Write four objective of Mixing.
Q.15 Write a short note on secondary motions of loom?
Q.16 Give four objective of speed frame.
Q.17 Give four sizing ingredients used in sizing process.
Q.18 What is Additive theory of colour.
Q.19 Write four objective of Winding.
Q.20 Define weft and warp knitting.
Q.21 Write Process flow chart of conversion of grey fabric to finished fabric.
Q.22 Give four objective of Blow room.

Section-D

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

- Q.23 How yarn is made from fibre explain with the help of process flow chart.
Q.24 Compare knitted and woven fabrics.
Q.25 Describe the passage of material through weaving machine.