

SECTION-D

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

Q.23 Draw a flow chart of yarn spinning method. Also enlist two important features of each operation of spinning method.

Q.24 Write a detailed note on four basic weaves.

Q.25 Discuss in detail any four methods of printing with suitable diagram wherever required.

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Subject : Textile Science

Time : 3 Hrs.

M.M. : 60

SECTION-A

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

Q.1 The most used fiber is Pachtech is
a) Cotton b) Wool
c) Silk d) Jute

Q.2 The fiber with highest strength is
a) Cotton b) Wool
c) Viscous d) Jute

Q.3 The process of winding the woven cloth during fabric weaving is called
a) Shedding b) Beat up
c) Take in d) Let off

Q.4 Which type of fabric is Felt
a) Woven b) Non-woven
c) Bonded d) Laminated

Q.5 Which of the following is **NOT** a part of woven fabric

- a) Warp
- b) Wale
- c) Weft
- d) Selvedge

Q.6 The finishing process that irons the fabric with the help of hot iron rollers is

- a) Sizing
- b) Scouring
- c) Singeing
- d) Calandering

SECTION-C

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

Q.13 Explain the importance of Geotech textiles.

Q.14 Differentiate between staple fiber and filament with one example each.

Q.15 What are the main physical properties of wool fiber?

Q.16 Give a brief introduction of yarn properties.

Q.17 Write about any four novelty yarns.

Q.18 Draw a labelled diagram of simple loom.

Q.19 List 4 main features of a circular knitting machine.

Q.20 What are the main features of non-woven fabrics?

Q.21 Write a short note on yarn dying.

Q.22 What is Tentering fnishing?

SECTION-B

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

Q.7 Define Agrotech.

Q.8 Name the fiber with highest heat conductivity?

Q.9 Name twist directions.

Q.10 Define picking process of fabric weaving.

Q.11 List two knitting needles.

Q.12 What is fabric bleaching?