

**2nd Sem / Fash. Desn.
Subject : Textile Science**

Time : 3 Hrs.

M.M. : 60

SECTION-A

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

- Q.1 Geotech is a term associated with _____
a) Filtration and drainage
b) Hospitals
c) Sports
d) None of the above
- Q.2 The cohesiveness is the ability of fiber to _____ together.
a) Elasticity b) Cling
c) Stretch d) Press
- Q.3 The direction of threads in a woven fabric is known as _____.
a) Selvedge b) Grain
c) Warp d) Weft
- Q.4 The main constituent of wool fiber is _____.
a) Casein b) Keratin
c) Sateen d) Cellulose

Q.5 Caustic soda is used in _____ process.
a) Singeing b) Creasing
c) Mercerization d) Beetling

Q.6 The ability of fiber to stretch and return to shape is _____.
a) Spinning b) Weaving
c) Elasticity d) Printing

SECTION-B

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

Q.7 List any one use of Polyester fiber.

Q.8 Name any one application in Indutech.

Q.9 Define Purl stitch

Q.10 Draw "Z" twist

Q.11 Bias

Q.12 Write any one difference between rayon and polyester.

SECTION-C

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

Q.13 Discuss the advantages of Weft knitting.

Q.14 Explain the process of mercerization.

Q.15 Differentiate between weaving and knitting.

Q.16 Briefly describe any two types of weaves.

- Q.17 Draw neat diagram of knitting needle.
Q.18 Explain the process of "taking in" in reference to loom.
Q.19 Define the bleaching process, and mention its applications.
Q.20 Define flammability and abrasion resistance.
Q.21 Explain the difference between dyeing and printing.
Q.22 Discuss various uses of man-made fibers and fabrics.

SECTION-D

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

Q.23 Explain the various type of printing and mention two uses of each type.

Q.24 Write short note on:

- a) Twill weave
- b) Scouring
- c) Single jersey
- d) Electrical conductivity

Q.25 Answer the following in brief:

- a) Desizing
- b) Singeing
- c) Importance of finishing
- d) Bonded non-woven fabrics