

SECTION-D

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

- Q.23 Explain the Sequence of manufacturing process of Viscose Rayon fiber.
- Q.24 Draw and Explain the Cross sectional and longitudinal view of wool fiber.
- Q.25 Draw and Explain the physical appearance of cotton fiber.

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Roll No.

1st Sem / Text. Tech.

Subject : Textile Fibres

Time : 3 Hrs.

M.M. : 60

SECTION-A

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

- Q.1 From the following _____ is a manmade fiber.
- a) Asbestos b) wool
- c) Cotton d) Acetate Rayon
- Q.2 Which from the following _____ is a Cellulosic fiber?
- a) Case in b) Wool
- c) Jute d) Silk
- Q.3 Which of these fibres is a plant origin?
- a) Jute b) wool
- c) Asbestos d) Cashmere

Q.4 Rayon, Jute and Cotton are examples of_____.

- a) Natural fibers b) Animal Fibres
- c) Cellulosic fiber d) Man made Fibres

Q.5 Which of the following three processes are involved in converting fibre into fabric?

- a) Yarn® fibre® fabric
- b) Fibre® Yarn® fabric
- c) Both (a) and (b)
- d) None of (a) and (b)

Q.6 Which of the following fibres is used for making parachutes, ropes and sleeping bags?

- a) Rayon b) Nylon
- c) Polyesters d) All of the above

SECTION-B

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

Q.7 Moisture Region of Wool fiber is_____

Q.8 Name any two fibres of animal Origin

Q.9 _____ Natural fiber has scales if seen under microscope.

Q.10 _____ is the monomer for cotton.

Q.11 Acrylic fiber has similar properties as that of_____ natural fiber.

Q.12 _____ is the only natural filament.

SECTION-C

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

Q.13 Compare the Natural fibres with manmade fibres.

Q.14 Draw the flow chart for classifications of textile fibers.

Q.15 Define Textile Fiber.

Q.16 Write the end uses of Cotton fiber?

Q.17 Draw Flow diagram for the production of Silk filament.

Q.18 Which are the monomers used for production of polyester fiber, give the chemical formula for Polyester fiber.

Q.19 Write the physical properties of wool fibre.

Q.20 Briefly explain the Nature and origin of jute fiber.

Q.21 Explain the special property exhibit by Spandex, write the chemical formula of Spandex.

Q.22 Write the chemical formulae of Nylon 6.