

1st Sem. / Branch: Textile Processing
Sub : Introduction To Textile Fibres

Time : 3 Hrs.

M.M. : 60

SECTION-A

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

.Q.1 Cotton is a _____ fiber.

- a) protein
- b) Cellulosic
- c) Polythene
- d) Polypropylene

Q.2 Which of following fibres synthetic fiber?

- a) Cotton
- b) Wool
- c) Nylon
- d) Jute

Q.3 Raw Wool contains impurities.

- a) 2-5%
- b) 10-20%
- c) 30-70%
- d) None of above

Q.4 Viscose is _____ fibre.

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

- Q.5 Which of the following fibres have highest strength?
a) Cotton b) Wool
c) Nylon d) Spandex

- Q.6 Specific gravity of Cotton fibre is _____ gm/cc.
a) 1.32 b) 1.54
c) 1.65 d) 1.72

SECTION-B

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

Q.7 Write any two Physical Properties of Textile fibre.

Q.8 Draw structure of acrylic fiber?

Q.9 Write two end use of wool.

Q.10 What is filament?

Q.11 Define Nylon 6?

Q.12 What is the solvent of acrylic?

SECTION-C

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

Q.13 Write the End uses of wool.

- Q.14 What is "Lycra."
Q.15 Explain Polyester in detail.
Q.16 Enlist the various physical properties of Coir Fibre.
Q.17 Write about Appearance of Cotton
Q.18 How are fibres classified? Give one example of each type.
Q.19 Differentiate between Natural Fibre and Manmade fibre.
Q.20 Explain the various General Physical Properties of Textile Fibres.
Q.21 Explain the various varieties of cotton.
Q.22 Draw the chemical structure of Viscose Rayon?

SECTION-D

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

- Q.23 Explain and draw the diagram of cotton fibre. Write about various end use of it.
Q.24 Write about classification of Textile fibres according to nature and origin.
Q.25 Explain the manufacturing process of Viscose Rayon in detail.