

No. of Printed Pages : 4
Roll No.

222615

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.

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- 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.

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