

No. of Printed Pages : 4
Roll No.

222615

1st Sem / Textile Processing
Subject : Introduction to Textile Fibres

Time : 3 Hrs.

M.M. : 60

SECTION-A

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

- Q.1 Which of the following fiber has the highest moisture regain?
a) Polyester b) Nylon
c) Wool d) Cotton
- Q.2 Which of the following fibres have highest strength?
a) Polyester b) Nylon
c) Wool d) Cotton
- Q.3 Which of the following fibres is stretchable?
a) Lycra b) Wool
c) Silk d) Jute
- Q.4 Which of the following fibre is known as artificial silk?

(40)

(4)

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SECTION-C

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

- Q.13 Write a note on end uses of acrylic?
 - Q.14 Draw microscopic view of nylon fiber?
 - Q.15 Write end uses of polyester?
 - Q.16 Discuss the steeping process for viscose?
 - Q.17 Draw microscopic view of cotton fiber?
 - Q.18 What are moisture regain and moisture content?
 - Q.19 Explain chemical properties of Cotton fibre?
 - Q.20 Write about various types of impurities found in silk?
 - Q.21 Write four end uses of cotton?
 - Q.22 Discuss the ageing process in viscose rayon process?

SECTION-B

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

- Q.7 Write one end use of silk?
 - Q.8 What is a cocoon?
 - Q.9 Give two examples of regenerated fibre.
 - Q.10 What is the degree of polymerizations of Rayon?
 - Q.11 What is moisture regain of polyester?
 - Q.12 What is the solvent of acrylic?

SECTION-D

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

- Q.23 Give the flow chart for manufacturing of viscose rayon?

Q.24 Give physical and chemical properties of silk?

Q.25 Classify textile fibers and give one example of each type?