

**Sem. 1st/ 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 is seed fibre?

- a) Nylon
- b) Polyester
- c) Silk
- d) Cotton

Q.2 Cortex is present in?

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

Q.3 Which is synthetic fiber?

- a) Viscose
- b) Nylon
- c) Cotton
- d) Silk

Q.4 Kidney bean shape is related to?

- a) Viscose
- b) Polyester
- c) Wool
- d) Cotton

Q.5 Which of the following is a protein fibre?

- a) Viscose                      b) Polyester  
c) Wool                              d) Cotton

Q.6 Lumen is present in?

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

### SECTION-B

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

Q.7 Name any regenerated fiber?

Q.8 Give name of any one bast fiber?

Q.9 Give name of any one leaf fiber?

Q.10 Give name of nylon 6 monomer?

Q.11 Moisture content of Cotton?

Q.12 Moisture content of viscose?

### SECTION-C

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

Q.13 Write four end uses of cotton?

Q.14 Write about Chemical properties of cotton?

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Q.15 Give impurities of silk fiber?

Q.16 Write about various impurities found in cotton?

Q.17 What are the end uses of polyamide fiber?

Q.18 What is the major end use of Viscose?

Q.19 Discuss the steeping and ageing process in viscose rayon process?

Q.20 Write end uses of Acetate?

Q.21 Draw microscopic view of cotton fiber?

Q.22 What is the difference between Nylon & Polyester?

### SECTION-D

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

Q.23 Define fiber. Classify textile fibers according to their origin.

Q.24 Give physical and chemical properties of wool?

Q.25 Give the process sequence for manufacturing of Polyester?

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