



- Q.4 Medula is associated with which fibre?  
 a) Silk                                      b) Wool  
 c) Coir                                        d) Cashmere
- Q.5 A triangular cross section is associated with \_\_\_\_\_ fibre.  
 a) Silk                                        b) Wool  
 c) coir                                        d) Cashmere
- Q.6 Moisture regain (%) of Polypropylene fibre is \_\_\_\_\_.  
 a) 4    b) 5  
 c) 0    d) 6

### SECTION-B

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

- Q.7 Polyester fibre has \_\_\_\_\_ shape if seen under microscope.
- Q.8 Moisture Regain of Silk Fibre is \_\_\_\_\_.
- Q.9 Density of cotton fibre is \_\_\_\_\_.
- Q.10 \_\_\_\_\_ natural fibre has similar properties as that of Acrylic.
- Q.11 Name any two leaf-based fibres.
- Q.12 Retting is associated with which fibre?

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### SECTION-C

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

- Q.13 List out the impurities present in the cotton fibre.
- Q.14 What are the end uses of wool Fibre?
- Q.15 Draw the flow diagram for the production of polyester fibre.
- Q.16 Write down the end uses and properties of spandex and lycra.
- Q.17 Briefly explain physical and chemical properties of cotton fibre.
- Q.18 Write down the monomers and chemical properties of nylon fibre.
- Q.19 Write down the monomers and chemical properties of acrylic fibre.
- Q.20 Write down the origin and nature of wool fibre.
- Q.21 Write down the origin, nature and appearance of Jute fibre.
- Q.22 Explain the general chemical properties of Textile fibres.

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