

- Q.21 Describe the features of Acrylic fibre.  
Q.22 Define wet spinning and dry spinning of acrylic fibre.

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### **SECTION-D**

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

- Q.23 Explain the physical properties of cotton fibre.  
Q.24 Explain the Uses of wool fibre in detail.  
Q.25 Explain the manufacturing steps of silk, filament.

Time : 3 Hrs.

M.M. : 60

### **SECTION-A**

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

- .Q.1 Hydrophilic fibre have  
a) Affinity towards water  
b) No affinity towards water  
c) No affinity towards fire  
d) Affinity towards fire
- Q.2 Horizontal row of loop across the width of fabric produced known as  
a) Wale                      b) Picking  
c) Shedding                  d) Course
- Q.3 Caterpillar is related to which fibre  
a) Silk                        b) Nylon  
c) Wool                        d) Acrylic

- Q.4 Density of wool fibre is (gm/cm<sup>3</sup>)  
 a) 1.1                    b) 1.2  
 c) 1.3                    d) 1.4
- Q.5 Ginning is a process of  
 a) Removing the seed from the cotton fibres  
 b) Combing of wool  
 c) Rearing of silk  
 d) Polymerization of nylon
- Q.6 Weaving is known as  
 a) Interlacement of warp and weft  
 b) Spun bonded woven  
 c) Braiding  
 d) Intermeshing of loops
- Q.9 Sisal fibers are made from which part of sisal plant?  
 Q.10 First manmade fibre called artificial silk?  
 Q.11 In the cross section of the matured cotton which of the following part is collapsed?  
 Q.12 For removing hairiness from woven fabric which process is used?

### **SECTION-C**

### **SECTION-B**

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

- Q.7 The process of separating cotton fibres from seeds is called?
- Q.8 The thin strands of yarns that we see, are made up of still thinner strands called?

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

- Q.13 Define weft knitting with the suitable example.
- Q.14 Explain any three different types of Cotton fibre.
- Q.15 Describe the term Sericulture with suitable example.
- Q.16 Enlist some features of jute fibre.
- Q.17 Differentiate between the woolen and worsted system.
- Q.18 What is fibre process?
- Q.19 Define simplex Roving Frame with the help of diagram.
- Q.20 Write short note on :  
 a. Denier                    b. Ply