

- Q.19 Differentiate between natural and manmade fibre.
- Q.20 Write down the end uses of spandex and lycra.
- Q.21 Briefly explain physical and chemical properties of silk fibre.
- Q.22 Draw flow diagram for the production of Nylon 66 Filament.

No. of Printed Pages : 4  
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**1st Year / Textile Tech.**

**Subject:- Textile Fibres**

Time : 3Hrs.

M.M. : 60

**SECTION-A**

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

- SECTION-D**
- Note:** Long answer type questions. Attempt any two questions out of three questions. (2x8=16)
- Q.23 What is fibre? Draw the flow chart for classification of textile fibres.
- Q.24 Explain the Sequence of manufacturing process of any cellulose based regenerated fiber.
- Q.25 Draw and explain the longitudinal and cross section of cotton fibre.

- Q.1 From the following \_\_\_\_\_ is a natural fibre.
- a) Cotton                          b) Polyester
- c) Nylon                            d) Acrylic
- Q.2 Which from the following \_\_\_\_\_ is a Protein fiber ?
- a) Casein                         b) Polyester
- c) Nylon                            d) Spandex
- Q.3 Which of these fibres is a Fruit fibre?
- a) Silk                              b) Wool
- c) Coir                             d) Cashmere

Q.4 Rayon, Nylon and Polyesters are the examples of \_\_\_\_\_

- a) Man made fibres      b) Animal fibres
- c) Natural fibres      d) Plant fibres

Q.5 Which of the following is only natural filament?

- a) Rayon      b) Nylon
- c) Polyesters      d) Silk

Q.6 Which of the following three processes are involved in converting fibre into fabric?

- a) Yarn→fibre→fabric
- b) Fibre→Yarn→Fabric
- c) Both a and b
- d) none a and b

### SECTION-B

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

Q.7 Moisture region of silk is \_\_\_\_\_.

Q.8 Name any two leaf-based fibres.

(2)

222715

Q.9 Wool fibre has \_\_\_\_\_ if seen under microscope.

Q.10 \_\_\_\_\_ and \_\_\_\_\_ are used as monomer for Nylon 66.

Q.11 Wool natural fibre has similar properties as that of \_\_\_\_\_.

Q.12 \_\_\_\_\_ fibre is used for making parachutes, ropes and sleeping bags.

### SECTION-C

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

Q.13 Define Textile Fibre, Yarn and Fabric.

Q.14 List out the impurities present in the cotton fiber.

Q.15 Draw and explain the physical appearance of wool fiber.

Q.16 What are the end uses of silk fiber?

Q.17 Explain the chemical properties of cotton fiber.

Q.18 Which are the manometers used for production of Nylon 66 fiber? Give the chemical formula for Nylon 66 fibre.

(3)

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