

- Q.29 Differentiate between woolen and worsted yarns.
- Q.30 Draw the process flow of woolen system.
- Q.31 Tell any five end uses of polypropylene fiber.
- Q.32 What do you understand by grading of cotton?  
Discuss.
- Q.33 Define moisture content and moisture regain.
- Q.34 Describe the effect of moisture on textile fibers.
- Q.35 List five physical properties of silk.

### **SECTION-D**

**Note:** Long answer type questions. Attempt any two questions out of three questions. (2x10=20)

- Q.36 Explain the different stages of life cycle of a silk worm in detail.
- Q.37 Describe the spinning process of nylon 6 with the help of a well illustrated diagram Also describe its important uses.
- Q.38 Describe different types of tests for identification of fibres with suitable examples.

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**1st Sem. Branch: Textile Design.  
Sub : Textile Processes-I**

Time : 3Hrs.

M.M. : 100

### **SECTION-A**

**Note:** Multiple choice questions. All questions are compulsory (10x1=10)

- .Q.1 Moisture regain of the cotton is  
 a) 10%                      b) 6%  
 c) 8.30%                    d) 12%
- Q.2 Gilling is the process related to which fibre  
 a) Wool                      b) Silk  
 c) Cotton                    d) Ramie
- Q.3 Which fibre is obtained from seed of plant  
 a) Cotton                    b) Jute  
 c) Acrylic                   d) None of these
- Q.4 Resiliency of wool fibre is  
 a) Excellent                b) Very good  
 c) Moderate                d) None of these
- Q.5 Which of the following fibre get shrunk during washing?

- a) Silk                      b) Nylon
  - c) Cotton                    d) Polypropylene
- Q.6 What is the effect of strong alkali on cotton
- a) No effect                b) Cotton get dull
  - c) Cotton get deteriorate    d) None of these
- Q.7 Which fibre belongs to cellulose group
- a) Cotton                    b) Nylon
  - c) Polypropylene            d) None of these
- Q.8 Which of the following is a filament
- a) Jute                      b) kapok
  - c) Silk                      d) Wool
- Q.9 Which of the following is a natural fibre
- a) Cotton                    b) Nylon
  - c) Polypropylene            d) Acrylic
- Q.10 Which of the following is a mineral fibre
- a) Wool                      b) Jute
  - c) Ramie                    d) Asbestos

### **SECTION-B**

**Note:** Objective type questions. All questions are compulsory. (10x1=10)

- Q.11 Moisture regain of wool fibre is \_\_\_\_\_.  
 Q.12 Silk is a \_\_\_\_\_ filament.

- Q.13 Spinning is a process of producing \_\_\_\_\_ from fibers.  
 Q.14 \_\_\_\_\_ natural fiber is used to make ropes.  
 Q.15 Name any one regenerated fiber.  
 Q.16 Define knitting.  
 Q.17 \_\_\_\_\_ fiber is obtained from sheep.  
 Q.18 \_\_\_\_\_ synthetic fiber is used to make sweaters and blankets.  
 Q.19 List any two synthetic fibres.  
 Q.20 Name any one leaf fibre.

### **SECTION-C**

**Note:** Short answer type questions. Attempt any twelve questions out of fifteen questions. (12x5=60)

- Q.21 Draw a classification chart of textile fibers.  
 Q.22 Write the burning properties of viscose fiber  
 Q.23 How will you distinguish between animal fiber from vegetable fiber.  
 Q.24 Describe the structure of cotton fiber.  
 Q.25 Discuss any five physical properties of jute fiber.  
 Q.26 List any five uses of cotton fiber.  
 Q.27 Describe staple fiber and filament.  
 Q.28 List five uses of jute.