

- 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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Roll No. ....

**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.

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- 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.

(3)

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