

- Q.30 Discuss recipe & process conditions for piece scouring of wool.
  - Q.31 Discuss briefly about bleaching of tussah silk?
  - Q.32 Write short note on hydrogen per oxide of wool.
  - Q.33 Write short note on impurities in wool.
  - Q.34 What is weathering? Discuss?
  - Q.35 Write short note on bleaching of cellulose acetate?

## **SECTION-D**

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

- Q.36 Write short note on following:

  - Listedness
  - Weathering

Q.37 What is degumming of raw silk. Explain the process in detail with chemical used.

Q.38 Explain the method of application & uses of fluorescent brighteners.

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**4th Sem / Branch : Textile Processing, Text. Chem.  
Sub.: Technology of Bleaching - II**

Time : 3Hrs. M.M. : 100

M.M. : 100

## **SECTION-A**

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

- Q.1 Which of the following is not a natural fiber

  - a) Cotton
  - b) Jute
  - c) Nylon
  - d) Flax

Q.2 Wool is scoured with?

  - a) Soap and soda
  - b) Caustic soda
  - c) Hydrochloric acid
  - d) None of these

Q.3 Polyester is bleached at?

  - a) Room temperature
  - b) Freezing temperature
  - c) Boiling temperature
  - d) None of these

Q.4 Scouring of polyamide is done at \_\_\_\_\_ Degree centigrade?

  - a) 35
  - b) 50
  - c) 70
  - d) 80-90

- Q.5 Vegetable matter from wool is removed by?  
 a) Carbonizing      b) Bleaching  
 c) Washing      d) Squeezing
- Q.6 Jute is bleached with \_\_\_\_\_?  
 a) Hydrogen per oxide b) Bleaching powder  
 c) Sodium chlorite d) None of above
- Q.7 Tinopal is a \_\_\_\_\_?  
 a) Scouring agent      b) Desizing agent  
 c) Bleaching agent      d) Optialbrightener
- Q.8 Remmie is \_\_\_\_\_ Fiber?  
 a) Bast      b) Protein  
 c) Mam made      d) None of these
- Q.9 Bleaching of acrylic is done at \_\_\_\_\_ Degree centigrade?  
 a) 40      b) 50  
 c) 60      d) 90
- Q.10 Sericin gum is naturally present in.?  
 a) Wool      b) Cotton  
 c) Silk      d) Nylon

### SECTION-B

**Note:** Objective type questions. All questions are compulsory.  $(10 \times 1 = 10)$

Q.11 Name on OBA.

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- Q.12 At what temperature nylon is bleached.  
 Q.13 Suggest one bleaching agent for polyester.  
 Q.14 What is the chemical formula of hydrogen peroxide.  
 Q.15 Ramie is a \_\_\_\_\_ fiber.  
 Q.16 At what temperature wool is scoured.  
 Q.17 Name one bleaching agent for wool.  
 Q.18 Name best variety of wool.  
 Q.19 Name one machine for scouring of wool.  
 Q.20 What is the aim of bleaching.

### SECTION-C

**Note:** Short answer type questions. Attempt any twelve questions out of fifteen questions.  $(12 \times 5 = 60)$

- Q.21 Write preparatory process route for processing of jute.  
 Q.22 Write short note on degumming of silk.  
 Q.23 Write short note on scouring.  
 Q.24 Discuss bleaching of acrylic fiber.  
 Q.25 Discuss about souring of polyester fabrics.  
 Q.26 Write the process for carbonizing of wool.  
 Q.27 Briefly write about emulsion scouring.  
 Q.28 How flex is scoured.  
 Q.29 Write the bleaching process of line fabric.

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