

- 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 brightners.

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

Time : 3Hrs.

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
- Cotton
  - Jute
  - Nylon
  - Flax
- Q.2 Wool is scoured with?
- Soap and soda
  - Caustic soda
  - Hydrochloric acid
  - None of these
- Q.3 Polyester is bleached at?
- Room temperature
  - Freezing temperature
  - Boiling temperature
  - None of these
- Q.4 Scouring of polyamide is done at \_\_\_\_\_ Degree centigrade?
- 35
  - 50
  - 70
  - 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. (10x1=10)

- Q.11 Name on OBA.

- 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. (12x5=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.