

**3rd Sem / Textile Processing**  
**Subject : Technology of Bleaching II**

Time : 3 Hrs.

M.M. : 60

**SECTION-A**

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

- Q.1 Vegetable matter from wool is removed by?  
a) carbonizing                      b) bleaching  
c) washing                          d) squeezing
- Q.2 Jute is bleached with \_\_\_\_\_?  
a) Hydrogen per oxide      b) Bleaching powder  
c) sodium chloride          d) none of above
- Q.3 Tinopal is a \_\_\_\_\_?  
a) Scouring agent              b) desizing agent  
c) bleaching agent            d) optical brightener
- Q.4 Remmie is \_\_\_\_\_ Fiber?  
a) bast                                b) protein  
c) man made                      d) none of these

Q.5 Bleaching of acrylic is done at \_\_\_\_\_ degree centigrade?

- a) 40                                      b) 50
- c) 60                                      d) 90

Q.6 Sericin gum is naturally present in?

- a) wool                                      b) Cotton
- c) silk                                      d) nylon

### SECTION-B

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

Q.7 Ramie is a \_\_\_\_\_ fiber.

Q.8 At what temperature wool is scoured.

Q.9 Name one bleaching agent for wool.

Q.10 Name best variety of wool.

Q.11 Name one machine for scouring of wool.

Q.12 What is the aim of bleaching.

### SECTION-C

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

Q.13 Write short note on scouring.

Q.14 Discuss bleaching of acrylic fiber.

Q.15 Discuss about scouring of polyester fabrics.

Q.16 Write the process for carbonizing of wool.

Q.17 Briefly write about emulsion scouring.

Q.18 How flex is scoured.

Q.19 Write the bleaching process of linen fabric.

Q.20 Discuss recipe & process conditions for piece scouring of wool.

Q.21 Discuss briefly about bleaching of tussah silk?

Q.22 Write short note on hydrogen per oxide of wool.

### SECTION-D

**Note:** Long answer type questions. Attempt any two questions out of three questions. (2x8=16)

Q.23 Write short note on following.

- a) Listedness
- b) Weathering

Q.24 What is degumming of raw silk. Explain the process in detail with chemical used.

Q.25 Explain the method of application & uses of fluorescent brighteners.