

- Q.29 Write the bleaching process of linen fabric.
- 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 questions. Attempt any two question out of three Questions. (2x10=20)

- Q.36 Explain the bleaching process of silk in detail.
- Q.37 Give detailed account of faults in woollen & worsted goods.
- Q.38 What are fluorescent brightners. Why they are required. Explain the chemistry & method of application.

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Roll No.

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

Time : 3 Hrs.

M.M. : 100

SECTION-A

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

- Q.1 Process of degumming is carried out in?
a) Wool b) Silk
c) Acrylic d) Polyester
- Q.2 Wool is scoured at _____ degree centigrade temperature?
a) 40 b) Room temperature
c) Boiling Temperature d) Upto 55
- Q.3 Most preferred bleaching agent for protein fibers is _____?
a) Bleaching powder b) Sodium chlorite
c) Sodium hypochlorite d) Hydrogen per oxide
- Q.4 Which of the following machine used for scouring of wool?
a) Kier b) J Box
c) Jigger d) Harrow machine

- Q.5 At what pH cellulose acetate is bleached?
 a) 5 b) 7
 c) 8 d) 9.5
- Q.6 Which of the following is a bast fiber?
 a) Jute b) Silk
 c) Nylon d) Wool
- Q.7 Which of the following is protein fiber?
 a) Jute b) Polyester
 c) Wool d) Acrylic
- Q.8 At what pH wool is bleached with hydrogen peroxide?
 a) 5 b) 7
 c) 13 d) 8 to 9
- Q.9 Natural gum is removed from silk in ?
 a) Two stages b) Three stages
 c) Four stages d) Five stages
- Q.10 Defect of listedness appear?
 a) After dyeing b) After scouring
 c) before dyeing d) Before bleaching

Section-B

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

- Q.11 Name one 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 Question. 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 scouring 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.