

- 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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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

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-B

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

- Q.11** Name one OBA.

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.