

- Q.24 Briefly discuss about scouring of P/V blend.

Q.25 Discuss about scouring of polyester fabrics.

Q.26 Write note on impurities of wool.

Q.27 Write short note on carbonising of wool.

Q.28 How scouring of wool is carried out.

Q.29 What is solvent scouring.

Q.30 Explain the bleaching process of wool with hydrogen peroxide.

Q.31 Discuss briefly bleaching p/v blends

Q.32 Write short note on bleaching of nylon

Q.33 Discuss any one method of bleaching of polyamide

Q.34 Write short note on bleaching of jute.

Q.35 Discuss in brief the working of swing rack machine.

SECTION-D

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

- Q.36 Explain the bleaching process of silk in detail.

Q.37 Give detailed account of faults in woolen & worsted goods.

Q.38 What are fluorescent brighteners. Why they are required. Explain the chemistry & method of application.

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4th Sem / Text Proc., Text. Chem
Subject:- 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 a bast fiber?

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

Q.2 Which of the following is protein fiber?

 - a) jute
 - b) polyester
 - c) wool
 - d) Acrylic

Q.3 At what ph wool is bleached with hydrogen peroxide?

 - a) 5
 - b) 7
 - c) 13
 - d) 8 to 9

Q.4 Natural gum is removed from silk in?

 - a) two stages
 - b) three stages
 - c) four stages
 - d) five stages

Q.5 Defect of listedness appear?

- a) After dyeing b) after scouring
- c) before dyeing d) before bleaching

Q6 Process of degumming is carried out in?

- a) Wool b) Silk
- c) Acrylic d) Polyester

Q.7 Wool is scoured at _____ degree centigrade temperature?

- a) 40 b) Room temperature
- c) Boiling Temperature d) upto 55

Q8 Most preferred bleaching agent for protein fibers is _____?

- a) bleaching powder b) sodium chlorite
- c) sodium hypochlorite d) hydrogen per oxide

Q.9 Which of the following machine used for scouring of wool?

- a) kier b) J box
- c) Jigger d) harrow machine

Q.10 At what pH cellulose acetate is bleached?

- a) 5 b) 7
- c) 8 d) 9.5

SECTION-B

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

Q.11 Object of degumming of silk.

Q.12 Name any one impurity present in ramie fiber.

Q.13 What is the chemical formula of hydrogen peroxide.

Q.14 Nylon is bleached with _____

Q.15 What are bast fibers.

Q.16 Wool is _____ fiber.

Q.17 At what pH wool is scoured.

Q.18 Sodium hydrosulphite is used for bleaching of _____ (wool/Silk)

Q.19 Name one variety of silk.

Q.20 At what temperature bleaching of acrylic is done.

SECTION-C

Note: Short answer type questions. Attempt any twelve questions out of fifteen questions. (12x5=60)

Q.21 Discuss bleaching of acrylic fibers.

Q.22 Briefly explain the bleaching of wool with sulphur dioxide.

Q.23 How bleaching of secondary cellulose acetate is done.