

- Q.29 Write a short note on scouring of acrylic and polyamides.
 Q.30 Discuss about scouring of Jute.
 Q.31 What is emulsion scouring?
 Q.32 Discuss briefly the bleaching of polyamides.
 Q.33 Write a note on Preparatory processes for bast fibers.
 Q.34 How Bleaching of P/V material is done.
 Q.35 Write a short note on bleaching of wild silk.

SECTION-D

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

- Q.36 With technical specification, discuss the bleaching of silk with various reagents.
 Q.37 Explain the working of the machine used for scouring of Raw wool with a neat diagram.
 Q.38 Discuss briefly about emulsion and solvent scouring of wool.

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Roll No.

4th Sem.

Branch : Text. Proc., Text. Chem.

Sub.: Technology of Bleaching-II

Time : 3 Hrs.

M.M. : 100

SECTION-A

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

- Q.1 What is the full form of OBA.
 a) One bleaching agent
 b) Optical Bleaching Agent
 c) Optical Brightening agent
 d) None of these
- Q.2 Most of the dyes we use for dyeing cotton in industry are _____.
 a) Natural
 b) Synthetic
 c) Pigments
 d) None of these
- Q.3 Suit impurity is found in _____.
 a) Silk
 b) Wool
 c) Cotton
 d) None of these
- Q.4 At what temperature is scouring done in pressure kiers?
 a) 50c
 b) 70c
 c) 85c
 d) Above 100c

Q.5 Write down Chemical formula of Sodium hydroxide?

- a) NaCl b) HCl
- c) NaOH d) None of these

Q.6 H_2O_2 is used to bleach_____.

- a) Silk b) Wool
- c) Cotton d) All of these

Q.7 Removal of _____ is shearing?

- a) Wax b) Starch
- c) Hairy fibres d) None of these

Q.8 _____ is used during Mercerization?

- a) NaCl b) HCl
- c) NaOH d) None of these

Q.9 Name water soluble dyes?

- a) Vat dyes b) Disperse Dyes
- c) Reactive Dye d) None of these

Q.10 Desizing is done to remove _____ from the grey fabric.

- a) Wax b) Size
- c) Hairy fibres d) None of these

SECTION-B

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

Q.11 Name the impurities present in ramie fiber.

Q.12 Sodium hydrosulphite acts by _____
(reducing/oxidizing)

Q.13 Name any two machines for scouring wool.

Q.14 Which chemical are used for scouring of P/c blend.

Q.15 What is carbonizing of wool?

Q.16 What is the unit of strength of hydrogen peroxide?

Q.17 How is cellulose acetate bleached?

Q.18 Silk is _____ fiber (Natural/manmade/regenerated)

Q.19 Name any two bast fibres?

Q.20 Name the machine used to scour wool in loose form?

SECTION-C

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

Q.21 Write down the process of Degumming of silk blended with wool.

Q.22 Write down the methods of applying Fluorescent agents.

Q.23 Write the process for carbonizing wool.

Q.24 Discuss alkali degumming of silk.

Q.25 Briefly discuss the faults in woollen / worsted goods.

Q.26 Draw a machine for scouring wool in loose form.

Q.27 Differentiate between yarn scouring and piece scouring.

Q.28 Which chemicals is most preferred for bleaching of silk and why?