

- Q.31 Write the process of emulsion & solvent 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 type question. Attempt any two questions out of three questions. (2x10=20)

- Q.36 Explain the working of the machine used for scouring of Raw wool with a neat diagram.
- Q.37 Write short note on:
- a) Bleaching of nylon
 - b) Degumming of silk blended with wool.
- Q.38 Write down the various processes involved in preparatory process for bast fibre.
- b)

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Roll No.....

**4th Sem, Branch : Textile Processing
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 _____ is the process of removing gum from raw silk.
- a) Scouring
 - b) Desizing
 - c) Degumming
 - d) None of these
- Q.2 Suint scouring is method for
- a) Silk
 - b) Wool
 - c) Cotton
 - d) None of these
- Q.3 Sericin 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 H₂O₂ 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 Merino is a variety of _____
 a) Silk b) Wool
 c) Cotton d) All 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 List out the advantages of soap degumming?
- Q.12 What is weathering of wool?
- Q.13 Name any two machines for scouring wool.
- Q.14 P/C blends is scoured by using _____ chemical?
- Q.15 What is carbonizing of wool?

- Q.16 Batch wise scouring can be carried out by using _____ (J Box/Kier)
- Q.17 At what temperature wool is bleached with sulphur dioxide.
- Q.18 Name any two faults in worsted goods.
- Q.19 What is objective of stabilizer in bleaching?
- Q.20 Which OBA is suitable for polyamides?

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 What is weathering or Drifting of wool.
- Q.25 Briefly discuss the faults in woollen and worsted goods.
- Q.26 Briefly discuss bleaching of cellulose acetate.
- Q.27 Briefly explain the bleaching of wool with sulphur dioxide.
- Q.28 Which chemical is most preferred for bleaching of silk and why?
- Q.29 Write a short note on scouring of acrylic and polyamides.
- Q.30 Discuss about solvent scouring of wool.