

- 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:
- Bleaching of nylon
  - Degumming of silk blended with wool.
- Q.38 Write down the various processes involved in preparatory process for bast fibre.
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### 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.
- Scouring
  - Desizing
  - Degumming
  - None of these
- Q.2 Suint scouring is method for
- Silk
  - Wool
  - Cotton
  - None of these
- Q.3 Sericin impurity is found in \_\_\_\_\_
- Silk
  - Wool
  - Cotton
  - None of these
- Q.4 At what temperature is scouring done in pressure kiers?
- 50C
  - 70C
  - 85C
  - Above 100C
- Q.5 Write down chemical formula of sodium hydroxide?
- Nacl
  - Hcl
  - NaOH
  - None of these

- Q.6 H<sub>2</sub>O<sub>2</sub> 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 woolen 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.