

- Q.31 How wool is scoured by suint scouring method?
- Q.32 Write a note on impurities present in Raw silk and wool?
- Q.33 Write a short note on silk degumming.
- Q.34 Write down the merits and demerits of Rot steep and acid desizing.
- Q.35 What is the importance of pre treatments.

SECTION-D

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

- Q.36 Describe the construction and working of any one Mercerisation machine.
- Q.37 Write short note on
- Discuss various type of singeing and their relative merits and demerits.
 - Classification of finishing on the basis of mechanical treatment.
- Q.38 Explain cotton bleaching process with hydrogen peroxide and sodium hypochlorite?

No. of Printed Pages : 4
Roll No.

182532/122532

3rd Sem.

Branch : Textile Design

Sub: Preparatory Wet Processes

Time : 3 Hrs.

M.M. : 100

SECTION-A

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

- Q.1 _____ is an example of stabilizer in peroxide bleaching?
- Sodium hydroxide
 - Sodium Silicate
 - Sodium chloride
 - None of these
- Q.2 Give one example of water insoluble Dye?
- Vat Dye
 - Turmeric
 - Remazol Dye
 - None of these
- Q.3 _____ is the last process in processing of cotton.
- Dyeing
 - Printing
 - Bleaching
 - Finishing
- Q.4 _____ is removed in shearing & cropping.
- Wax
 - Size
 - Hairy fibres
 - None of these
- Q.5 Boiling off is also known as _____.
- Bleaching
 - Scouring
 - Finishing
 - Desizing

- Q.6 What is the full form of OBA?
 a) One Bleaching Agent
 b) Optical Bleaching Agent
 c) Optical Brightening Agent
 d) None of these
- Q.7 _____ is the example of water soluble dye?
 a) Direct b) Azoic Dyes
 c) Vat Dye d) None of these
- Q.8 Give one example of natural Dye?
 a) Reactive Dye b) Henna
 c) Remazol Dye d) None of these
- Q.9 At what temperature is Rot steep process is done?
 a) 40C b) 70C
 c) 85C d) Above 100C
- Q.10 Write down Chemical formula of Universal bleaching agent?
 a) NaCl b) HCL
 c) H₂O₂ d) None of these

SECTION-B

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

- Q.11 Which dyes are known by the name Remazol dyes?
- Q.12 What is alkaline range of pH scale.
- Q.13 Define chromophore?
- Q.14 _____ bond is formed by reactive dyes?

- Q.15 Define fastness?
- Q.16 Define Dye?
- Q.17 Define is pigment.
- Q.18 Why Vat dyes are called so?
- Q.19 Define finishing.
- Q.20 What are synthetic Dyes?

SECTION-C

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

- Q.21 Write down the objectives of any five parts of roller printing machine.
- Q.22 What are the various impurities present in Raw cotton?
- Q.23 What is Saponification.
- Q.24 Write down the process of peroxide bleaching on wool.
- Q.25 Write different types of blocks available for block printing?
- Q.26 Write down Enzymatic desizing process and its advantages.
- Q.27 Explain gas singeing machine with the help of a neat diagram?
- Q.28 Write down various types of Finishes with the help of a chart also give example of these finishes?
- Q.29 Explain roller printing process with the help of a neat diagram?
- Q.30 Give a detailed account of bleaching of cotton with NaOCl.