

- 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
 a) Discuss various type of singeing and their relative merits and demerits.
 b) 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?
 a) Sodium hydroxide
 b) Sodium Silicate
 c) Sodium chloride
 d) None of these
 Q.2 Give one example of water insoluble Dye?
 a) Vat Dye b) Turmeric
 c) Remazol Dye d) None of these
 Q.3 _____ is the last process in processing of cotton.
 a) Dyeing b) Printing
 c) Bleaching d) Finishing
 Q.4 _____ is removed in shearing & cropping.
 a) Wax b) Size
 c) Hairy fibres d) None of these
 Q.5 Boiling off is also known as _____.
 a) Bleaching b) Scouring
 c) Finishing d) Desizing

- Q.6 What is the full form of OBA?

 - One Bleaching Agent
 - Optical Bleaching Agent
 - Optical Brightening Agent
 - None of these

Q.7 _____ is the example of water soluble dye?

 - Direct
 - Azoic Dyes
 - Vat Dye
 - None of these

Q.8 Give one example of natural Dye?

 - Reactive Dye
 - Henna
 - Remazol Dye
 - None of these

Q.9 At what temperature is Rot steep process is done?

 - 40C
 - 70C
 - 85C
 - Above 100C

Q.10 Write down Chemical formula of Universal bleaching agent?

 - NaCl
 - HCL
 - H_2O
 - 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 fasteness?
 - 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.