

- Q.27 Explain Gas Singeing machine with the help of neat diagram?
- Q.28 Classify various type of Finishes with the help of a chart also give example of these finishes?
- Q.29 Draw a neat labelled diagram of roller printing machine?
- Q.30 Give a detailed account of bleaching with NAOCL.
- Q.31 Explain any two process of wool scouring.
- Q.32 Describe the working of kier with a neat sketch.
- Q.33 Write down the importance of Pre treatment before Dyeing.
- Q.34 Write a note on impurities present in Raw silk and wool.
- Q.35 Write a short note on methods of printing.

#### **SECTION-D**

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

- Q.36 Explain various styles of printing.
- Q.37 Explain the working of any one Mercerisation machine with a neat diagram
- Q.38 Write a short note on following :
- Iodine test and Drop test for checking the efficiency of Desizing
  - Degumming of silk

No. of Printed Pages : 4  
Roll No. ....

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#### **3rd Sem / Textile Design Subject:- Preparatory wet Processes**

Time : 3Hrs.

M.M. : 100

#### **SECTION-A**

**Note:** Multiple choice questions. All questions are compulsory (10x1=10)

- Q.1 \_\_\_\_\_ fabric comes directly from loom and is not suitable to wear as it contains impurities.
- Greige
  - Dyed
  - Printed
  - None of these
- Q.2 \_\_\_\_\_ Process removes natural pale colour from the cellulosic Materials and makes them look white.
- Scouring
  - Bleaching
  - Dyeing
  - None of these
- Q.3 In \_\_\_\_\_ loose, hairy fibres are removed by heating/burning?
- Scouring
  - Bleaching
  - Dyeing
  - Singeing
- Q.4 Write down the formula of soda ash?
- Na<sub>2</sub>CO<sub>3</sub>
  - NaOH
  - NaCl
  - None of these
- Q.5 Bleaching of wool is usually done with \_\_\_\_\_?

- a) H<sub>2</sub>O<sub>2</sub>      b) NaOCL  
c) Both A & B      d) None of these
- 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 The process of removing size from the fabric is known as \_\_\_\_\_  
a) Scouring      b) Bleaching  
c) Desizing      d) Singeing
- Q.8 \_\_\_\_\_ is known as the localized dyeing.  
a) Scouring      b) Bleaching  
c) Desizing      d) Printing
- Q.9 Suint is an example impurities present in \_\_\_\_\_?  
a) Raw silk      b) wool  
c) Cotton      d) Nylon
- Q.10 \_\_\_\_\_ dye doesn't have affinity for cotton?  
a) Reactive Dye      b) Disperse  
c) Direct      d) None of these

### SECTION-B

- Note:** Objective type questions. All questions are compulsory. (10x1=10)
- Q.11 Scouring is done to remove \_\_\_\_\_ from the grey fabric.

- Q.12 Define finishing?
- Q.13 \_\_\_\_\_ is an example impurities present in raw silk?
- Q.14 Which property of cotton is improved after sourcing?
- Q.15 Define Printing.
- Q.16 Bleaching of Cotton and silk is usually done with \_\_\_\_\_ (H<sub>2</sub>O<sub>2</sub> / NaOCL).
- Q.17 Write down Chemical formula of Acetic acid?
- Q.18 What is the objective of adding wetting agent in scouring?
- Q.19 Define Dye?
- Q.20 What is semi bleach?

### SECTION-C

- Note:** Short answer type questions. Attempt any twelve questions out of fifteen questions. (12x5=60)
- Q.21 Write a short note on Brief History of dyestuffs.
- Q.22 Classify coloring matters with the help of a chart.
- Q.23 Write down the merits and demerits roller and Plate singeing.
- Q.24 Write down the process of peroxide bleaching on cotton.
- Q.25 Differentiate between full bleach and semi bleach process.
- Q.26 Explain Enzymatic desizing process with its advantages.