

- Q.27 Explain roller printing process with the help of a neat diagram?
- Q.28 Discuss in brief about the process bleaching of silk.
- Q.29 Discuss in brief process of Wool Scouring.
- Q.30 Discuss in brief Iodine drop test for checking efficiency of Desizing.
- Q.31 What are the various impurities present in Raw cotton? What is the importance of pre treatments?
- Q.32 Explain Acid and Enzymatic Desizing process
- Q.33 Write the process of determining Desizing efficiency by iodine drop method.
- Q.34 Write a note on gas singeing.
- Q.35 Name the impurities present in Raw Silk. Explain the process of Silk Degumming.

#### **SECTION-D**

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

- Q.36 Discuss Plate and Roller and singeing and their relative merits and demerits.
- Q.37 Explain cotton bleaching process with hydrogen peroxide and sodium hypochlorite?
- Q.38 Write short note on
- Styles of printing
  - Classification of finishing on the basis of mechanical treatment

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

182532/122532

#### **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 What is the full form of OBA.
- One Bleaching Agent
  - optical Bleaching Agent
  - Optical Brightening Agent
  - None of these
- Q.2 Most of the dyes we use for dyeing cotton in industry are \_\_\_\_\_
- Natural
  - Synthetic
  - Pigments
  - None of these
- Q.3 Give one example of natural Dye?
- Reactive Dye
  - Henna
  - Remazol Dye
  - None of these
- Q.4 At what temperature is scouring done in pressure kiers?
- 50 C
  - 70 C
  - 85 C
  - Above 100 C

Q.5 Write down Chemical formula of Sodium hydroxide?

- a) Nacl
- b) Hcl
- c) NaOH
- d) None of these

Q.6 Vat Dyes are water \_\_\_\_\_

- a) Insoluble
- b) soluble
- c) Pigments
- d) None of these

Q.7 Removal of \_\_\_\_\_ is shearing?

- a) Wax
- b) starch
- c) Hairy fibres
- d) None of these

Q.8 \_\_\_\_\_ is used during Mercerizations?

- a) Nacl
- b) Hcl
- c) NaOH
- d) None of these

Q.9 Name water soluble dyes?

- a) Vat Dyes
- b) Disperse Dyes
- c) Reactive Dye
- d) None 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.  $(10 \times 1 = 10)$

Q.11 What is surface tension?

Q.12 What is Printing Paste?

Q.13 Degumming is a process to remove \_\_\_\_\_ (size paste / Gum)

Q.14 Which dyes are most suitable for cotton materials?

Q.15 Write down objective of Enzymatic Desizing?

Q.16 Write down objective of Finishing

Q.17 What is Singeing?

Q.18 What is concentration of NaOH is used during cotton Mercerization?

Q.19 What is Hydro Cellulose?

Q.20 Name the constituent of Silk which is a Gum.

### SECTION-C

**Note:** Short answer type questions. Attempt any twelve questions out of fifteen questions.  $(12 \times 5 = 60)$

Q.21 Discuss in brief the principle behind Gas singeing and their relative merits and demerits.

Q.22 Differentiate between Temporary and permanent finishes with suitable examples.

Q.23 Differentiate between full bleach and semi bleach process.

Q.24 Explain Acid and Enzymatic Desizing process.

Q.25 Discuss in brief about the History of dyeing?

Q.26 Classify various types of Finishes with the help of a chart also give example of these finishes?