

- Q.30 Write a short note on gas singeing.  
Q.31 What is the importance of pre treatments?  
Q.32 With all process details explain the scouring of coloured woolen goods.  
Q.33 Write down any two methods of silk Bleaching  
Q.34 Write a short note on methods of printing.  
Q.35 Differentiate between temporary and permanent finish with examples.

#### SECTION-D

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

- Q.36 Write a short note on following:  
a) Iodine test and Drop test for checking the efficiency of Desizing and scouring.  
b) Degumming of silk.  
Q.37 Explain the working of any one Machine of Mercerization process  
Q.38 With all process details explain the bleaching of Cotton with universal Bleaching agent?

No. of Printed Pages : 4  
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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 Kiering is also known as \_\_\_\_\_  
a) Bleaching                  b) Scouring  
c) Finishing                  d) Desizing  
Q.2 Most of the dyes we use for dyeing cotton in industry are \_\_\_\_\_  
a) Natural                  b) Synthetic  
c) Pigments                  d) None of these  
Q.3 Give one example of natural Dye?  
a) Reactive Dye              b) Henna  
c) Remazol Dye              d) None of these  
Q.4 At what temperature is Rot steep process is done?  
a) 40 C                  b) 70 C  
c) 85 C                  d) Above 100 C  
Q.5 Write down Chemical formula of Universal bleaching agent?

(40)

(4)

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182532/122532

- a) Nacl                  b) Hcl  
c) H<sub>2</sub>O<sub>2</sub>                d) None of these

Q6 Vat Dyes are water \_\_\_\_\_

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

Q7 Burning of \_\_\_\_\_ is singeing?

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

Q8 \_\_\_\_\_ is used during Mercerization?

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

Q9 Name water soluble dyes?

- a) Vat Dyes                b) Disperse Dyes  
c) Reactive Dye            d) None of these

Q10 Desizing is done to remove \_\_\_\_\_ from the grey fabric.

- a) Wax                    b) size  
c) Hairy fibers            d) None of these

### SECTION-B

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

Q.11 What is Mercerisation?

Q.12 Why do we use chleating agent is scouring?

Q.13 What are objectives of singeing?

- Q.14 Write down two advantages of full Bleach method.  
Q.15 Why hypochlorite bleaching is not preferred method in Industry?  
Q.16 What is the role of wetting agent?  
Q.17 List objectives of Finishing process.  
Q.18 What are common impurities present in raw wool?  
Q.19 Why is enzyamatic desizing most preferred ?  
Q.20 What is role of stabilizer in Full Bleach?

### SECTION-C

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

- Q.21 Classify colouring matters with the help of a chart.  
Q.22 Explain various styles of printing.  
Q.23 Discuss briefly the working of kier.  
Q.24 Discuss briefly roller singeing with the help of a neat diagram?  
Q.25 Write a note on roller printing machine.  
Q.26 What are the various impurities present in Raw cotton?  
Q.27 What are the various merits and demerits of Roller and Plate singeing.  
Q.28 Differentiate between full bleach and semi bleach process.  
Q.29 Discuss briefly Enzymatic Desizing process