

- Q.27 List some merits and Demerits of different singeing methods.
- Q.28 Write a short note on styles of printing
- Q.29 Discuss the suint scouring method of wool
- Q.30 Discuss in brief Iodine drop test for checking efficiency of Desizing.
- Q.31 What is the importance of pre treatments?
- Q.32 Explain acid and enzymatic Desizing process
- Q.33 With all process details explain the bleaching of silk.
- Q.34 Write a note on gas singeing.
- Q.35 Differentiate between Half and full bleach process

#### SECTION-D

- Note:** Long answer type questions. Attempt any two questions out of three questions. (2x10=20)
- Q.36 With all process details explain the bleaching of cotton with hydrogen peroxide.
- Q.37 Explain working of roller printing machine with the help of a neat diagram.
- Q.38 Describe the construction and working of any mercerizing Machine?

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 .....is used to decrease the surface tension of water during scouring process.
- a) Hydrogen peroxide    b) wetting agent  
c) Finishing                d) detergent
- Q.2 Most of the preparatory processes need .....medium
- a) Wet                                b) Dry  
c) Both a & b                        d) None of above
- Q.3 Fabric is subjected to ..... process after desizing.
- a) Bleaching                        b) Scouring  
c) Finishing                        d) Mercerization
- Q.4 Hydrogen peroxide is used in ..... of cotton materials.
- a) Finishing                        b) Scouring  
c) Bleaching                        d) Desizing
- Q.5 ..... is the last pretreatment process
- a) Finishing                        b) Boiling off  
c) Grey checking                d) Desizing

- Q.6 Cellulose is the main component in ..... fibres.  
 a) Silk                                      b) Wool  
 c) Cotton                                      d) None of above
- Q.7 ..... is /are the example of animal fibres  
 a) Silk                                      b) Wool  
 c) Both a & b                                      d) None of above
- Q.8 ..... printing is the oldest method of printing cotton fabrics.  
 a) Screen                                      b) roller  
 c) block                                      d) None of above
- Q.9 Vat dyes are generally used to dye ..... material in processing industry.  
 a) Silk                                      b) Wool  
 c) cotton                                      d) None of these
- Q.10 Degumming process is carried out on .....materials  
 a) Polyester                                      b) nylon  
 c) cotton                                      d) silk

### SECTION-B

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

- Q.11 Vat Dyes are water .....  
 a) Insoluble                                      b) Soluble  
 c) Pigments                                      d) None of these
- Q.12 Burning of ..... is singeing ?  
 a) Wax                                      b) Starch  
 c) Hairy fibres                                      d) None of these

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- Q.13 ..... is used during mercerization ?  
 a) Nacl                                      b) HCL  
 c) NaOH                                      d) None of these
- Q.14 Name water soluble dyes ?  
 a) Vat Dyes                                      b) Disperse Dyes  
 c) Reactive Dyes                                      d) None of these
- Q.15 Desizing is done to remove .....from the grey fabric.  
 a) Wax                                      b) size  
 c) Hairy fibers                                      d) none of these
- Q.16 Write down the name of acids used in acid desizing ?
- Q.17 List the objectives of scouring .?
- Q.18 What are common impurities present in raw wool?
- Q.19 Why is enzymatic 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 Write a short note on methods of printing
- Q.22 Differentiate between dyeing and printing?
- Q.23 What are various constituents used in Printing paste
- Q.24 What are the various types of impurities present in raw silk and wool?
- Q.25 Write a short note on Silk Degumming.
- Q.26 What are the various types of finishing.

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