

Q.18 What is water proofing?

No. of Printed Pages : 4

182717

Roll No. ....

Q.19 Explain the process of Transfer Printing in detail.

**1st Year / Textile Tech.**

Q.20 Write short note on Thickener. Name various thickeners used in printing.

**Subject:- Textile Chemistry**

Q.21 What is wash-n-wear finish? Explain.

Time : 3Hrs.

M.M. : 60

Q.22 What is water proofing? Explain its principle and method.

### **SECTION-A**

**Note:** Multiple choice questions. All questions are compulsory  
(6x1=6)

### **SECTION-D**

**Note:** Long answer type questions. Attempt any two questions out of three questions. (2x8=16)

Q.23 Explain the classification of dyes on the basis of their application.

Q.1 Which chemical is used in acid desizing?

- a) Sodium chloride      b) Sodium alginate
- c) Sulphuric acid      d) Sodium hydroxide

Q.24 Which impurities are found in cotton material? Explain the scouring process of cotton.

Q.2 Natural impurities in cotton is \_\_\_\_\_

- a) Size material      b) Metal particles
- c) Coloured threads      d) Dust and Durt

Q.25 What is calendaring? Explain various types of calendaring process.

Q.3 Which is best singeing method?

- a) Plate singeing      b) Roller singeing
- c) Colour singeing      d) Gas singeing

- Q.4 Which is mechanical finish?
- a) Calendering      b) Water Proofing  
c) Stiff              d) Flame Proofing
- Q.5 Which thickener is used for reactive dye?
- a) CMC              b) Sodium alginate  
c) Gwar gum          d) British gum
- Q.6 Which dye is used to dye polyester fibre?
- a) vat              b) sulphur  
c) Disperse          d) Direct
- Q.9 Acid dye is water \_\_\_\_\_ (soluble/insoluble)
- Q.10 \_\_\_\_\_ dye is used to print the cotton material.  
(Disperse/Reactive)
- Q.11 Heat setting is done for \_\_\_\_\_ fibres.  
(natural/synthetic)
- Q.12 For which fiber transfer printing is suitable? (cotton/  
polyester)

### SECTION-B

**Note:** Objective/Completion type questions. All questions are compulsory.  $(6 \times 1 = 6)$

- Q.7 Desizing is the removal of \_\_\_\_\_ (size/protein matter)
- Q.8 Which desizing is ecofriendly? (Acid steep/  
Enzymatic)

### SECTION-C

**Note:** Short answer type questions. Attempt any eight questions out of ten questions.  $(8 \times 4 = 32)$

- Q.13 What are the objectives of mercerization?
- Q.14 Explain the process of dyeing of cotton with reactive dye.
- Q.15 What is the importance of bleaching? Explain  $H_2O_2$  bleaching.
- Q.16 Write down the process of scouring of cotton fabric.
- Q.17 Draw the line diagram of winch dyeing machine and explain its working.