

**1st Year / Textile Technology**  
**Subject : Textile Chemistry**

Time : 3 Hrs.

M.M. : 60

**SECTION-A**

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

Q.1 \_\_\_\_\_ printing is the fastest and economical method of printing.

- a) block
- b) screen
- c) hand
- d) rotary screen

Q.2 \_\_\_\_\_ is localized dyeing.

- a) Spinning
- b) Printing
- c) Weaving
- d) Sizing

Q.3 Disperse dye is used to dye \_\_\_\_\_ fibre.

- a) cotton
- b) wool
- c) polyester
- d) silk

Q.4 Water soluble dye is \_\_\_\_\_.

- a) disperse
- b) reactive
- c) sulphur
- d) vat

- Q.5 Calendering is \_\_\_\_\_ finish.  
a) mechanical      b) chemical  
c) permanent      d) water proof
- Q.6 Binders are used to printing with \_\_\_\_\_.  
a) reactive dye      b) pigments  
c) ice colours      d) stencil

### SECTION-B

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

- Q.7 What is finishing?  
Q.8 What are antifoaming agents?  
Q.9 What are the importance of printing?  
Q.10 What is difference between dyeing and printing?  
Q.11 Define discharge style of printing.  
Q.12 What is HTHP dyeing machine?

### 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 Finishing?  
Q.14 What is calendering? Name various types of calendering.  
Q.15 What is water proofing? How it is done?

- Q.16 Explain the Direct style of printing.  
Q.17 Differentiate between the method and style of printing.  
Q.18 What is transfer printing? Explain.  
Q.19 What are the sizing ingredients?  
Q.20 What is thickener? Explain.  
Q.21 Define Wash-n-wear finish.  
Q.22 Explain the screen printing method giving its advantage and disadvantages.

### SECTION-D

- Note:** Long answer type questions. Attempt any two questions out of three questions.  $(2 \times 8 = 16)$
- Q.23 Explain the Rotary Screen Printing with neat and clean diagram.  
Q.24 Write names of various types method of printing. Describe the working of Block printing with its advantage and disadvantage.  
Q.25 Define heat setting? What is the concept of heat setting? Explain various types of conditions for heat setting for different fibres.