

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

182717

1<sup>st</sup> Year Annual Pattern (Re-app)  
**Branch :** Textile Technology  
**Sub.:** Textile Chemistry

**Time : 3 Hrs.**

**M.M. : 60**

### **SECTION-A**

**Note:** Multiple Choice Questions. All Questions are compulsory. (6x1=6)

- Q.1 Calendering is \_\_\_\_\_ finish.  
a) Mechanical      b) Chemical  
c) permanent      d) Water proof
- Q.2 \_\_\_\_\_ is localised dyeing.  
a) Spinning      b) Sizing  
c) Weaving      d) Printing
- Q.3 Binders are used to printing with \_\_\_\_\_.  
a) Reactive dye      b) Pigments  
c) Ice colours      d) Stencil
- Q.4 Water insoluble dye is \_\_\_\_\_.  
a) Direct      b) Reactive  
c) Basic      d) Vat
- Q.5 \_\_\_\_\_ printing is the fastest and economical method of printing.  
a) Block      b) Screen  
c) Hand      d) Rotary Screen

- Q.6 Disperse dye is used to dye \_\_\_\_\_ fibre.
- a) Cotton
  - b) Wool
  - c) Polyester
  - d) Silk

### Section-B

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

- Q.7 Why curing is done?
- Q.8 What is thickener?
- Q.9 What is singeing?
- Q.10 What is water proofing? How it is done?
- Q.11 Define resist style of printing?
- Q.12 What is printing?

### Section-C

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

- Q.13 What is Block printing? Explain.
- Q.14 Explain the Discharge style of printing.
- Q.15 Explain heat setting by giving its objectives.
- Q.16 Explain the flat bed screen printing method giving its advantages and disadvantages.
- Q.17 Differentiate between the method and style of printing.
- Q.18 What are the printing ingredients?

- Q.19 What are the objectives Printing?
- Q.20 Explain the screen printing method giving its advantage and disadvantages.
- Q.21 What is moth proofing?
- Q.22 What is fire retardant finish? How it is done?

### Section-D

**Note:** Long answer 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 What is heat setting? In which stage heat setting is done and what is the concept of heat setting?
- Q.25 Write names of various types styles of printing. Explain in details and differentiate between style and method of printing.