

No. of Printed Pages : 4

182717

Roll No.....

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 Calendaring 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. (6x1=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. (8x4=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. (2x8=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.