

- Q.20 Explain heat setting by giving its objectives
- Q.21 Explain the flat bed screen printing method giving its advantages and disadvantages
- Q.22 What is fire retardant finish? How it is done?

### SECTION-D

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

- Q.32 What is sanforising? Explain in details with passage of material with neat diagram.
- Q.24 Explain the dyeing of polyester with carrier and HTHP method in detail.
- Q.25 Write names of various types styles of printing. Explain in details and differentiate between style and method of printing.

No. of Printed Pages : 4

Roll No. ....

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**Branch : Textile Technology**

**Subject:- Textile Chemistry**

Time : 3Hrs.

M.M. : 60

### SECTION-A

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

- Q.1 Printing is localised\_\_\_\_\_
- a) Spinning                      b) Dyeing
- c) Weaving                      d) Loom
- Q.2 Two types of\_\_\_\_\_dyes are hot and cold brand.
- a) Direct                      b) Acid
- c) Basic                      d) Reactive
- Q.3 \_\_\_\_\_is mechanical finish.
- a) Calendaring                      b) Water proofing
- c) Stiff                      d) Flame proofing

- Q.4 Which dye is used to dye polyester fibre.
- a) Vat                                      b) Sulphur
- c) Disperse                                      d) Direct
- Q.5 Which printing is the fastest and economical method of printing?
- a) Block                                      b) Screen
- c) Hand                                      d) Rotary screen
- Q.6 Which thickener is used for reactive dye?
- a) CMC                                      b) Sodium alginate
- c) Gwar gum                                      d) British gum

### SECTION-B

**Note:** Objective type questions. All questions are compulsory. (6x1=6)

- Q.07 Polyester is dyed with \_\_\_\_\_ dye.
- Q.08 Name of any two thickener.

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- Q.09 Sodium alginate is used for \_\_\_\_\_ dye.
- Q.10 Block printing is the oldest/latest \_\_\_\_\_ method of printing.
- Q.11 \_\_\_\_\_ is dyed with disperse dye.
- Q.12 Calendaring is mechanical/ chemical \_\_\_\_\_ finish

### SECTION-C

**Note:** Short answer type questions. Attempt any eight questions out of ten questions. (8x4=32)

- Q.13 What are the objectives of Printing?
- Q.14 Differentiate between the method and style of printing.
- Q.15 What is Block printing? Explain.
- Q.16 What is moth proofing?
- Q.17 What is fire retardant finish? How it is done?
- Q.18 What are the printing ingredients?
- Q.19 Explain the Discharge style of printing.

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