

- 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?

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) Calendering                 b) Water proofing
- c) Stiff                         d) Flame proofing

**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.

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.  $(6 \times 1 = 6)$

Q.07 Polyester is dyed with \_\_\_\_\_ dye.

Q.08 Name of any two thickener.

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 Calendering is mechanical/ chemical \_\_\_\_\_ finish

## 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 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.