

1st Year / Processing / 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 _____ dye is used to dye polyester fibre.

- a) Vat
- b) Sulphur
- c) Disperse
- d) Direct

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 _____ is mechanical finish.

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

Section-B

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

Q.7 What is printing?

Q.8 What are wetting agents?

Q.9 What is the role of temperature in Dyeing or printing?

Q.10 Define resist style of printing.

Q.11 Why curing is done?

Q.12 What is water proofing?

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 advantage 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 of 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 What is Decatising setting? Explain in details with passage of material with neat diagram.

Q.24 Write name of various types styles of printing. Explain in details and differentiate between style and method of printing.

Q.25 Explain the Rotary Screen Printing with neat and clean diagram.