

### SECTION-D

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

- Q.23 Explain cotton bleaching process with hydrogen peroxide along with the recipe and other chemical conditions.
- Q.24 Write down various types of Finishes with the help of a chart between Temporary and permanent finishes
- Q.25 Write a short note on
- a) Bleaching of silk
  - b) Difference between Full bleach and Half Bleach

No. of Printed Pages : 4

222521

Roll No. ....

**2nd Sem. / Textile Design**

**Subject : Preparatory Wet Processes**

Time : 3 Hrs.

M.M. : 60

### SECTION-A

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

- Q.1 HCl is used in \_\_\_\_\_ method of desizing.
- a) Rot Steep
  - b) Acid Desizing
  - c) Enzymes
  - d) None of these
- Q.2 \_\_\_\_\_ is used as a thickener.
- a) Starch
  - b) Urea
  - c) Acid
  - d) None of these
- Q.3 Hot Brand dyes are examples of \_\_\_\_\_?
- a) Reactive Dye
  - b) Henna
  - c) Natural Dye
  - d) None of these
- Q.4 At what temperature is scouring done in pressure kiers?

- a) 50 C                                      b) 70 C
- c) 85 C                                      d) Above 100 C

Q.5 Loose hairy fibres are removed during \_\_\_\_\_

- a) Desizing                                      b) Scouring
- c) Singeing                                      d) None of these

Q.6 Remazol Dyes are water \_\_\_\_\_

- a) Insoluble                                      b) soluble
- c) Pigments                                      d) None of these

### SECTION-B

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

Q.7 \_\_\_\_\_ is the oldest method of printing (Roller/ Block)

Q.8 \_\_\_\_\_ Impurity is found in raw wool? (Gum/ Suint)

Q.9 Degumming is a process to remove \_\_\_\_\_ (Size paste / Gum)

Q.10 Sodium hypochlorite bleached material is \_\_\_\_\_ (Full Bleached / Half Bleached)

Q.11 \_\_\_\_\_ is an example of hygroscopic agent?

Q.12 Write down two objectives of Mercerisation.

### SECTION-C

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

Q.13 List the merits and demerits of Plate and Roller singeing processes.

Q.14 Discuss the process of bleaching of wool with hydrogen peroxide.

Q.15 Explain the process of suint scouring of wool.

Q.16 Discuss the process of Acid Desizing and its merits and demerits.

Q.17 Write a note on various methods of printing.

Q.18 Classify different coloring matters by chart.

Q.19 Discuss the various impurities present in cotton and wool.

Q.20 Write down the essential ingredients required during the preparation of printing paste.

Q.21 Discuss in brief the process of silk degumming.

Q.22 Write a short note on styles of printing.