

No. of Printed Pages : 4  
Roll No. ....

222521

## SECTION-D

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

- Q.23 Explain Bleaching of wool silk by Hydrogen Peroxide sodium Hydro sulphite.
- Q.24 Write down various types of Finishes with the help of a chart between Temporary and permanent finishes.
- Q.25 Draw a neat sketches of roller printing machine and explain functioning of various parts.

**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 Pancreatic, malt extract are the examples \_\_\_\_\_ of are.
- a) Acids                      b) Alkalies
- c) Salts                      d) Enzymes
- Q.2 Problem of local cooling does not arise in \_\_\_\_\_ singeing method.
- a) Plate                      b) Roller
- c) Gas                        d) None of these
- Q.3 Procion M 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 Protruding fibres are removed during \_\_\_\_\_?

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

Q.6 Vat 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 used during the mercerization.  
(NaOH / HCl)?

Q.8 \_\_\_\_\_ is known as localized dyeing? (Printing /  
Washing)

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

Q.10 Hydrogen peroxide bleached material is \_\_\_\_\_?  
(Full Bleached / Half Bleached )

Q.11 \_\_\_\_\_ is an example of thickener?

Q.12 Write down objective of Finishing.

## SECTION-C

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

Q.13 Discuss the method of Gas singeing with its merits and demerits.

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

Q.15 Explain the process of Silk Degumming.

Q.16 Discuss the process of enzymatic Desizing.

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

Q.18 Discuss in brief about the History of dyeing.

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

Q.20 Name the ingredients used during the preparation of printing paste.

Q.21 Discuss in brief process of wool Scouring.

Q.22 What is the importance of doing pre-treatment on a cellulosic material.