

### SECTION-D

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

- Q.23 Discuss in detail the method of plate and Gas and singeing along with their merits and demerits.
- Q.24 Explain cotton bleaching process with hydrogen peroxide and sodium hypochlorite.
- Q.25 Write short note on
- a) Styles of printing
  - b) Enzymatic Desizing

No. of Printed Pages : 4

Roll No. ....

222521

### 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 \_\_\_\_\_ is used to decrease the surface tension of water during scouring process.
- a) Hydrogen peroxide    b) wetting agent
  - c) Finishing              d) detergent
- Q.2 Most of the preparatory processes need \_\_\_\_\_ medium.
- a) Wet                              b) Dry
  - c) Both a & b                      d) None of these
- Q.3 Fabric is subjected to \_\_\_\_\_ process after desizing.
- a) Bleaching                      b) Scouring
  - c) Finishing                      d) Mercerization
- Q.4 \_\_\_\_\_ is the last process in the sequence in a process house.
- a) Finishing                      b) Boiling off
  - c) Grey checking              d) Desizing

Q.5 \_\_\_\_\_ is/are the example of animal fibres.

- a) Silk                                      b) Wool
- c) Both a & b                              d) None of these

Q.6 Vat dyes are generally used to dye \_\_\_\_\_ material in industry.

- a) Silk                                      b) Wool
- c) Cotton                                      d) None of these

### SECTION-B

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

Q.7 Degumming process is carried out on \_\_\_\_\_ materials.

- a) Polyester                                      b) Silk
- c) Cotton                                      d) Nylon

Q.8 Burning of \_\_\_\_\_ is singeing?

- a) Wax                                      b) Starch
- c) Hairy fibres                                      d) None of these

Q.9 \_\_\_\_\_ is used during Mercerization?

- a) NaCl                                      b) HCL
- c) NaOH                                      d) None of these

Q.10 \_\_\_\_\_ printing is the oldest method of printing cotton fabrics.

- a) Screen                                      b) roller
- c) Block                                      d) None of these

Q.11 Desizing is done to remove \_\_\_\_\_ from the grey fabric.

- a) Wax                                      b) size
- c) Hairy fibers                                      d) None of these

Q.12 The process of localized dyeing is called \_\_\_\_\_. (finishing/printing)

### SECTION-C

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

Q.13 Differentiate various types of finishes by suitable examples.

Q.14 Discuss any 3 objectives for each Mercerisation and finishing processes.

Q.15 Differentiate between full bleach and semi bleach process.

Q.16 List merits and demerits of Rot steep and acid desizing.

Q.17 List any four properties of thickeners to be used in printing paste.

Q.18 Discuss in brief about the process wool bleaching.

Q.19 Explain the process of Silk Degumming.

Q.20 What are the various impurities present in Raw cotton? What is the importance of pre treatments?

Q.21 Differentiate between dyeing and printing.

Q.22 Write down the working of any Mercerization machine.