

## SECTION-D

No. of Printed Pages : 4

222621

Roll No. ....

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

Q.23 Explain principle Construction and working of cylinder drying?

Q.24 Discuss in detail about working of kier machine using a diagram?

Q.25 Explain principle Construction and working of pad chainless machine for mercerization?

## 2nd Sem./Textile processing

### Subject : Technology of Bleaching-I

Time : 3 Hrs.

M.M. : 60

## SECTION-A

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

Q.1 The term pad chain is related with?

- a) Washing                      b) Mercerization
- c) Souring                      d) dyeing

Q.2 Sodium silicate is an example of?

- a) Dye                              b) Stabilizer
- c) pigment                      d) bleaching agent

Q.3 Scouring is carried out in \_\_\_\_\_ machine?

- a) Stenter                      b) Can
- c) Washing                      d) Kier

Q.4 The term rot steep is related with?

- a) Bleaching                      b) Washing
- c) Desizing                      d) Printing

Q.5 Mercerization is carried out on \_\_\_\_\_ fibre?

- a) Rayon                      b) Cotton
- c) Wool                      d) Silk

Q.6 Counter current method is used for?

- a) Washing                      b) Bleaching
- c) Dyeing                      d) Printing

### SECTION-B

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

Q.7 List any one name of impurity found in cotton?

Q.8 At what temperature scouring of cotton is carried out?

Q.9 Name any one continuous machine for wet processing?

Q.10 At what pH peroxide bleaching is carried out?

Q.11 Enlist any two bleaching agents?

Q.12 Name the chemical used in mercerization?

### SECTION-C

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

Q.13 Explain the enzymatic desizing process?

Q.14 Write a note on saponification?

Q.15 Explain any one machine for singeing?

Q.16 Write any four advantages of gas singeing?

Q.17 Explain the term emulsification?

Q.18 What physical & chemical changes happens during mercerization?

Q.19 Explain purpose of souring?

Q.20 Discuss mercerization of cotton yarn?

Q.21 What are the different uses of stenter machine?

Q.22 Write a note on scouring of coloured woven goods?