

### SECTION-C

**Note:** Long answer type questions. Attempt any three questions. 3x10=30

Q.3 What are the objects of "Soil Release Finish"  
Give detail of various auxiliaries used for Soil Release Finish.

Q.4 Write short note on following.

(a) Fire Retardancy.

(b) Role of sequestering agents in Dyeing.

Q.5 What are various auxiliaries used in Scouring and bleaching. Discuss their application.

Q.6 Write short note on following.

a) Role of levelling agents in Dyeing.

b) Moth Proofing.

Q.7 Discuss in detail about various softners used in textile Industry.

No. of Printed Pages : 4

Roll No. ....

32655

**5th Sem. / Text. Proc / Text Chem.**

**Subject : Textile Auxiliaries & Chemicals**

Time : 3 Hrs.

M.M. : 100

### SECTION-A

**Note:** Very Short Answer type questions. Attempt any 15 parts. (15x2=30)

Q.1 a) Object of desizing.

b) Object of sizing.

c) Role of binder in Printing.

d) Object of Rot Proofing.

e) Name any two fire Retardants.

f) Name any two cross linking agents.

g) What are mordants.

h) Name two anti static agents.

- i) What are antiseptics.
- j) Name any two hygroscopic agents.
- k) What are stripping agents.
- l) Name any two stiffening agents.
- m) Object of Scouring.
- n) Object of mercerising.
- o) What are textile auxiliaries.
- p) Name any two soil release agents.
- q) What are anti filling agents.
- r) Object of water repellency.

### SECTION-B

**Note:** Short answer type questions. Attempt any ten parts 10x4=40

- Q.2
- i) Discuss the role of carrier in Dyeing.
  - ii) Write short note on stripping agents.

(2)

32655

- iii) Role of Dye fixing agents.
- iv) Enlist various softeners used in Finishing.
- v) Role of retarding agents in Basic Dyes.
- vi) Enlist various auxiliaries used in "Sizing".
- vii) Discuss various auxiliaries used in "Mercerisation".
- viii) Role of binder in Printing.
- ix) Write short note on "Scouring of Cotton".
- x) What is the role of lubricant in Sizing.
- xi) Enlist various auxiliaries used in "Printing".
- xii) Discuss in brief about "Scouring of Wool".
- xiii) Write short note on "Optical Brightening".
- xiv) Enlist various auxiliaries used in "Dyeing".
- xv) Define textile auxiliaries. How they help in textile Processing.

(3)

32655