

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

Q.3 Write short note on following

- i) Optical brightening agents.
- ii) Moth proofing.

Q.4 Write short note on following:

- i) Water proofing
- ii) Role of sequestering agents in dyeing

Q.5 Discuss in detail about soil release finish"

Q.6 Write short note on following:

- i) Anti foaming agents used in Printing
- ii) Hygroscopic agents used in Printing

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

No. of Printed Pages : 4

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### **3rd Sem. / Textile Processing**

#### **Subject : Textile Auxiliaries and Chemicals**

Time : 3 Hrs.

M.M. : 100

#### **SECTION-A**

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

- Q.1
- a) Name any two anti foaming agents
  - b) Object of bleaching
  - c) Name any two bleaching agents
  - d) Object of mercerizing
  - e) Role of dye fixing agents
  - f) Name any two after washing agents
  - g) What is water repellency
  - h) Name any two water repellents
  - i) Object of mildew proofing

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- j) Name any two anti foaming agents
- k) What are mordants
- l) Role of levelling agents
- m) Name any two oxidizing agents
- n) Name any two fire retarding agents
- o) What are sequestering agents
- p) Object of sizing
- q) Object of scouring
- r) Name any two soil release agents .

### SECTION-B

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

- Q.2
- i) Discuss in brief about antifoaming agents.
  - ii) Discuss the role of auxiliaries in textile processing .
  - iii) Enlist various auxiliaries used in printing

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- iv) Write short note on role of carrier in dyeing.
- v) What are dispersing agents, Describe in brief.
- vi) Enlist various auxiliaries used in sizing
- vii) Write short note on desizing
- viii) Role of hygroscopic agents in printing
- ix) Write short note on role of stripping agents in dyeing
- x) Write short note on auxiliaries used in mercerization
- xi) What is the role of stiffening agents in finishing.
- xii) Enlist various auxiliaries used in dyeing
- xiii) Discuss the role of cross linking agents in finishing.
- xiv) Enlist various softeners used in finishing.
- xv) Role of retarding agents in basic dyes.

### SECTION-C

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