

Q.24 Write short note on

- a) Enzymatic Desizing
- b) Peroxide Bleaching

Q.25 Discuss in detail the role of anti-foaming agents & wetting agents in printing.

No. of Printed Pages : 4

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**2nd Sem. / Textile Processing**

**Subject : Textile Auxiliaries & Chemicals**

Time : 3 Hrs.

M.M. : 60

**SECTION-A**

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

Q.1 Scouring is process of removal of-

- a) Oil & wax
- b) Starch
- c) colour
- d) protruded fibres

Q.2 Singeing is process of removal of-

- a) Wax
- b) starch
- c) oil
- d) protruding fibres

Q.3 Which finish is given to prevent passage of only water not air

- a) Water proofing
- b) water repellency
- c) flame proofing
- d) moth proofing

- Q.4 Coning oils are used during
- a) Winding                      b) washing
  - c) drying                        d) dyeing

- Q.5 Name the most common lubricant
- a) Mutton or beef tallow
  - b) glycerine
  - c) salicylic acid
  - d) none of these

- Q.6 Colour in textile material is given during
- a) Scouring                      b) bleaching
  - c) Dyeing                        d) desizing

### SECTION-B

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

- Q.7 Write object of bleaching.
- Q.8 Name any one antifoaming agent.
- Q.9 Write different methods of desizing.
- Q.10 Name any two bleaching agents used for textile
- Q.11 What is function of thickener in printing.
- Q.12 Write Object of water proofing finish.

(2)

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### SECTION-C

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

- Q.13 Define textile auxiliaries. How they help in textile processing.
- Q.14 Enlist/ name various auxiliaries used in sizing.
- Q.15 Write short note on sequestering agents used in scouring and bleaching.
- Q.16 Enlist/ Name various auxiliaries used in printing.
- Q.17 What are hygroscopic agents? Write their role in printing.
- Q.18 What is the Role of anti-foaming agents in dyeing.
- Q.19 Write short note on levelling agents.
- Q.20 Give essential requirements of surfactants.
- Q.21 Write short note on stiffening agents.
- Q.22 Write the desirable characteristics of good softener.

### SECTION-D

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

- Q.23 Write in detail various types of thickener & binders along with their role in printing.

(3)

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