

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

Q.23 What are the objects of soil release finish? Give detail of various auxiliaries used for soil release finish

Q.24 Write a short note on following

- a) Acid desizing
- b) Mercerization

Q.25 What are the objects of water Proofing? Write in detail about various auxiliaries used for water Proofing.

No. of Printed Pages : 4  
Roll No. ....

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**2nd Sem. / Textile Processing**  
**Subject : Textile Auxiliaries and Chemicals**

Time : 3 Hrs.

M.M. : 60

**SECTION-A**

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

Q.1 Bleaching is the process of removal of

- a) oil
- b) natural colour
- c) wax
- d) starch

Q.2 Which among following is not a bleaching agent

- a) H<sub>2</sub>O<sub>2</sub>
- b) Sodium Hypochlorite
- c) bleaching powder
- d) NaOH

Q.3 Which finish is given to prevent the passage of air and water

- a) Wash-n-wear
- b) water proofing
- c) flame proofing
- d) mercerization

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Q.4 What type of agent are used to reduce generation of electrical charges.

- a) Anti-pilling agents
- b) anti-foaming agents
- c) moth proofing agents
- d) anti-static agents

Q.5 Which is used to remove dye from dyed material

- a) Stripping agent
- b) Dye fixing agents
- c) Carriers
- d) sequestering agents

Q.6 Surface tension of water is reduced by using

- a) surfactants      b) carriers
- c) antipilling agents    d) softeners

### **SECTION-B**

**Note:** Objective/ Completion type questions. All questions are compulsory.  $(6 \times 1 = 6)$

Q.7 Object of scouring.

Q.8 Objective of water proofing finish.

Q.9 Purpose of levelling agent in dyeing.

Q.10 Object of fire retardancy finish.

Q.11 Object of wash & wear finish.

Q.12 Function of thickener in printing.

### **SECTION-C**

**Note:** Short answer type questions. Attempt any eight questions out of ten questions.  $(8 \times 4 = 32)$

Q.13 What is role of auxiliaries in Textile Processing.

Q.14 Enlist/Name various auxiliaries used in dyeing.

Q.15 What factors should be considered during choice of auxiliaries?

Q.16 Discuss in brief about dispersing agents.

Q.17 What are migration inhibitors. Write in brief

Q.18 What is the role of stiffening agents in finishing.

Q.19 Discuss in brief about dye fixing agents.

Q.20 Discuss the role of binders in printing.

Q.21 Write short note on role of carrier in dyeing.

Q.22 Enlist/Name various auxiliaries used in printing.

### **SECTION-D**