

- Q.25 Discuss role of migration inhibitors?
- Q.26 What is the role of stiffening agents in finishing.
- Q.27 Discuss in brief about dispersing agents.
- Q.28 Discuss in brief about dye fixing agents.
- Q.29 What factors should be considered during choice of auxiliaries.
- Q.30 Discuss in brief about after washing agents.
- Q.31 What is role of auxiliaries in textile processing.
- Q.32 Write short note on role of carrier in dyeing.
- Q.33 What is the role of hygroscopic agent in printing.
- Q.34 Role of stripping agent in dyeing.
- Q.35 Enlist various auxiliaries used in printing?

#### SECTION-D

**Note:** Long answer type questions. Attempt any two questions out of three questions. (2x10=20)

- Q.36 Discuss the role of thickeners & binders in printing of textiles?
- Q.37 Write short note on enzymatic desizing & peroxide bleaching of cotton?
- Q.38 Discuss the role of anti-foaming agents & wetting agents in roller printing?

No. of Printed Pages : 4

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**3rd Sem / Textile Proc.**

**Subject:- Textile Auxillaries and Chemicals**

Time : 3Hrs.

M.M. : 100

#### SECTION-A

**Note:** Multiple choice questions. All questions are compulsory (10x1=10)

- Q.1 Surface tension of water can be reduced by using following agent?
- a) Surfactants                      b) carriers
- c) anti pilling agents              d) Softeners
- Q.2 The process of bleaching removes?
- a) oil                                      b) natural colour
- c) wax                                      d) starch
- Q.3 Which of the following is not a bleaching agent.
- a)  $H_2O_2$
- b) Sodium Hypochlorite
- c) bleaching powder
- d) NaOH
- Q.4 Which finish prevent the passage of air and water in fabric?

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- a) Durable Press      b) Water proofing  
c) Flame Proofing      d) mercerization
- Q.5 Which finish is given to garments?  
a) Durable Press      b) Flame Proofing  
c) Water proofing      d) Anti pilling
- Q.6 Which agent is used to reduce generation of static charges?  
a) Anti pilling agents      b) anti foaming agents  
c) moth proofing agents      d) anti static agents
- Q.7 Which type of agents are used to remove dye from printed material.  
a) Stripping agent      b) Dye fixing agents  
c) carriers      d) Sequestering agents
- Q.8 Calgon is a example of  
a) Dye fixing agent      b) sequestering agent  
c) Carrier      d) moth proofing agent
- Q.9 Moth growth is prevented by  
a) Water proofing      b) Flame proofing  
c) moth proofing      d) rot proofing
- Q.10 In the process of desizing \_\_\_\_\_ is removed.  
a) Starch      b) wax  
c) oil      d) colour

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## SECTION-B

**Note:** Objective type questions. All questions are compulsory. (10x1=10)

- Q.11 Write name of one water repellent?
- Q.12 What is use of levelling agent in dyeing?
- Q.13 Bleaching with peroxide is carried out at \_\_\_\_\_ Temperature?
- Q.14 Write one object of water proofing?
- Q.15 Write name of any anti-static agent?
- Q.16 Write name of any one Sequestering agent?
- Q.17 Write any one object of fire retardancy?
- Q.18 Write name of any one softener?
- Q.19 Scouring of cotton is carried out at \_\_\_\_\_ Temperature?
- Q.20 Name any one antiseptic agent?

## SECTION-C

**Note:** Short answer type questions. Attempt any twelve questions out of fifteen questions. (12x5=60)

- Q.21 Write name of various auxiliaries used in dyeing?
- Q.22 Discuss the role of binders in printing?
- Q.23 Discuss in brief about dispersing agents?
- Q.24 Discuss the role of retarding agents in basic dyes?

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