

- Q.32 Differentiate between water proofing and water repellency.
- Q.33 Discuss the role of retarding agents in basic dyes.
- Q.34 Enlist various auxiliaries used in dyeing.
- Q.35 Give one essential requirement of surfactant.

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 Roll No.

3rd Sem.

Branch : Textile Proc.
Sub: Textile Auxillaries & Chemicals

Time : 3 Hrs.

M.M. : 100

SECTION-D

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

- Q.36 a) Classify enzymes used for desizing. Discuss due process and mechanism of enzymatic desizing.
 b) Discuss in details about various soil release finish.
- Q.37 Write short note on following:
 a) Optical Brightening Agents
 b) Acid Desizing
- Q.38 Write short note on following
 a) Cross linking agents.
 b) Anti Foaming agents used in Printing

SECTION-A

Note: Multiple type Questions. All Questions are compulsory. (10x1=10)

- Q.1 Scouring is process of removal of
 a) Oil & Wax b) Starch
 c) Color d) Protruded fibers
- Q.2 Which is not a bleaching agent
 a) H_2O_2 b) Sodium Hypochlorite
 c) Bleaching powder d) NaOH
- Q.3 Kier machine is used for
 a) Printing b) Scouring
 c) Drying d) None of these
- Q.4 Which type of agents are used to remove dye from dyed material
 a) Stripping agent b) Dye fixing agents
 c) Carriers d) Sequestering agents
- Q.5 An Optical Brightener is _____.
 a) Synthetic Blueing Agent
 b) A color less Dye
 c) A fluorescent compound
 d) An optical whitener

- Q.6 Mercerization of cotton is carried by using ____.
 a) Sodium Hydroxide b) Sulphuric Acid
 c) Acetic Acid d) None of these
- Q.7 A surfactant is a ____.
 a) Cleaning Agent b) Drug
 c) Shampoo d) Acid
- Q.8 Most suitable thickener for reactive dye printing on cotton is ____.
 a) Starch
 b) Carboxy methyl cellulose
 c) Sodium Alginate
 d) Gum Arabic
- Q.9 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.10 Growth of moth is prevented by
 a) Water proofing b) Flame proofing
 c) Moth Proofing d) Rot proofing

SECTION-B

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

- Q.11 Define Printing.
 Q.12 Write any one objective of desizing?

- Q.13 Name any one bleaching agent.
 Q.14 Name any one method of desizing.
 Q.15 Object of wash & wear finish.
 Q.16 Name any two anti foaming agents.
 Q.17 What is OBA?
 Q.18 Name any one chemical which is water repellent.
 Q.19 What is due role of thickeners in printing.
 Q.20 Write full form od DMDHEU.

SECTION-C

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

- Q.21 Briefly write about levelling agents?
 Q.22 Write a short note on sequestering agents?
 Q.23 Discuss the function of anionic agents.
 Q.24 Mention due desirable characteristic for a carrier.
 Q.25 Define textile auxiliaries. How they help in textile processing.
 Q.26 Write short note on auxiliaries used mercerization.
 Q.27 Discuss about migration inhibiter.
 Q.28 What factors should be considered during choice of auxiliaries.
 Q.29 What are anti static agents.
 Q.30 Write short note at stripping agents in dyeing.
 Q.31 Discuss the role of cross linking agents in finishing.

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