

Q.35 What factors should be considered during choice of auxiliaries

SECTION-D

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

Q.36 What are the objects of water proofing. Give details of various auxiliaries used for water proofing

Q.37 Discuss the role of leveling agents and anti-foaming agents in dyeing.

Q.38 What are the objects of soil release finish. Give detail of various auxiliaries used for soil release finish.

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Roll No.

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3rd / Branch : Textile Processing

Subject:- Textile Auxiliaries & Chemicals

Time : 3Hrs.

M.M. : 100

SECTION-A

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

Q.1 EDTA is a agent ?

- a) Polluting b) Hardening
- c) Oxidizing d) Sequestering

Q.2 Carriers the fiber ?

- a) Dry b) Swells
- c) Strength d) Weaken

Q.3 Which softener chemically react with the fiber?

- a) Anionic b) Cationic
- c) nonionic d) Reactive

Q.4Absorbs UV light and emit it is visible light ?

- a) Sulphur
- b) Optical Brightening agents
- c) Cadmium
- d) Nitrogen

Q.5 Fluorochemicals are used for ?

- a) Fire b) Water proofing
- c) Oxidizing d) Reducing

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- Q.6 Moth attacks fiber
 a) Cotton b) Wool
 c) Jute d) Flax
- Q.7 Sodium Hexameta phosphate is also known as ?
 a) Proton b) Calgon
 c) Salt d) Soda
- Q.8 Sodium sulphate is also known as ?
 a) Soda b) Glaubers salt
 c) Soda ash d) Acid
- Q.9 Sodium alginate is used as a agent in printing ?
 a) Thickening b) Reducing
 c) Oxidizing d) Stripping
- Q.10 Turkey Red Oil is a agent ?
 a) Vatting b) Wetting
 c) Oxidizing d) Reducing

SECTION-B

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

- Q.11 Name any one Sequestering agent
 Q.12 Name one fire retardant
 Q.13 Name any one softener
 Q.14 At what temperature scouring of cotton is done.
 Q.15 Name any one antiseptic agent
 Q.16 Name one water repellant
 Q.17 Name any one levelling agent used in dyeing.
 Q.18 At what temperature bleaching with peroxide is done

- Q.19 Name one water proofing agent ?
 Q.20 Name one anti-static agent

SECTION-C

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

- Q.21 Write a short note on auxiliaries used in mercerization?
 Q.22 Write a note on various auxiliaries used in sizing ?
 Q.23 Enlist various auxiliaries used in dyeing.
 Q.24 Discuss the role of binders in printings
 Q.25 Discuss in brief about dispersing agents
 Q.26 Discuss the role of retarding agents in basic dyes.
 Q.27 What are migration inhibitors. Discuss
 Q.28 What is the role of stiffening agents in finishing
 Q.29 Write a short note on spin finish
 Q.30 Discuss in brief about dye fixing agents
 Q.31 What is the role of mild oxidizing agents in printings
 Q.32 Discuss in brief about after washing agents
 Q.33 List two hygroscopic agents and how they are helpful in printing
 Q.34 Write a short note on surfactants?