

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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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) Oxisizing
- 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

- 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 repellent
- 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?