

- Q.26 Define textile auxiliaries . How they help in textile processing?

Q.27 Enlist various auxiliaries used in sizing?

Q.28 What are hygroscopic agents, discuss their role in printing?

Q.29 What is the role of anti-foaming agents in dyeing?

Q.30 Write short note on levelling agents?

Q.31 Give essential requirements of surfactants?

Q.32 Write note on desizing & required agents?

Q.33 Write short note on stiffening agents ?

Q.34 Mention the desirable characteristics of good softener?

Q.35 Write note on cross linking agents?

SECTION-D

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

- Q.36 What is the purpose of soil release finish .Give detail of various auxiliaries used for soil release finish?

Q.37 Discuss the role of thickness & binders printing .

Q.38 Discuss the role of anti-foaming agents & wetting agents in printing?

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3rd Sem / Branch : Textile processing

Subject:- Textile auxiliaries and Chemicals

Time : 3Hrs.

M.M. : 100

SECTION-A

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

- Q.1 Which chemical saponifies the hydrophobic impurities in scouring.

 - a) Soap
 - b) Water
 - c) NAOH
 - d) None of the above

Q.2 scouring is process of removal of

 - a) Oil & wax
 - b) starch
 - c) color
 - d) Protruded fibres

Q.3 Bleaching is process of removal of --

 - a) Starch
 - b) Natural color
 - c) protruded fibres
 - d) None of the above

Q.4 Colour is given by textile material by

 - a) Dyeing
 - b) Bleaching
 - c) Scouring
 - d) Desizing

- Q.5 Kier machine is used for following purpose
a) printing b) scouring
c) drying d) None of these
- Q.6 Which finish is given to prevent passage of only water not air.
a) Water proofing b) water repellancy
c) Flame proofing d) Moth proofing
- Q.7 Coning oils are used in _____ process?
a) Winding b) washing
c) Drying d) dyeing
- Q.8 Name the oldest kier assistant?
a) HCl b) soap
c) H_2SO_4 d) None of these
- Q.9 Name the most common lubricant used in sizing.
a) Mutton tallow b) Glycerin
c) salicylic acid d) None of these
- Q.10 Singeing is process of removal of _____ fibres ?
a) Wax
b) Starch
c) oil
d) protruding

SECTION-B

- Note:** Objective type questions. All questions are compulsory. (10x1=10)
- Q.11 Name one antifoaming agent?
Q.12 Name any one software?
Q.13 Name one dye fixing agent?
Q.14 Name any one antiseptic agent?
Q.15 Name any one anti-static agent?
Q.16 Name any one sequestering agent?
Q.17 Object of fire retardancy?
Q.18 Object of bleaching?
Q.19 At what temperature scouring of cotton is done ?
Q.20 Object of water proofing.

SECTION-C

- Note:** Short answer type questions. Attempt any twelve questions out of fifteen questions. (12x5=60)
- Q.21 What is the role of lubricants in sizing?
Q.22 Enlist various auxiliaries used in printing?
Q.23 Discuss the function of anionic agents?
Q.24 Write short note on sequestering agents used in scouring and bleaching ?
Q.25 Write short note on scouring of cotton ?