

M.M. : 60

SECTION-A

Note: Multiple choice questions. All questions are compulsory (6x1=6)

Q.1 Singeing is process of removal of which fibres ?

- a) Wax b) Protruding
c) Oil d) Starch

Q.2 Name the most common lubricant used in sizing ?

- a) Tallow b) Glycerin
c) Salicylic acid d) All of these

Q.3 Which of the following is a kier assistant ?

- a) HCl b) Soap
- c) H_2SO_4 d) None of these

Q.4 Oils are used in spinning of?

- a) Yarn b) Washing
c) Drying d) Dyeing

Q.5 Which finish is given for protection against moths ?

- a) Water proofing b) Water repellancy
- c) Flame proofing d) Moth proofing

Q.6 Kier machine can be used for

- a) Printing b) Inspection
- c) Drying d) Scouring

SECTION-B

Note: Objective/ Completion type questions. All questions are compulsory. (6x1=6)

Q.7 Give one object of water proofing ?

Q.8 pH for scouring of cotton is ?

Q.9 Give one object of fire retardancy ?

Q.10 List any two sequestering agent ?

Q.11 List any two anti-static agent ?

Q.12 List any two dye fixing agent ?

SECTION-C

Note: Short answer type questions. Attempt any eight questions out of ten questions. (8x4=32)

Q.13 Write note on cross linking agents ?

Q.14 Mention the desirable characteristics of good softener ?

Q.15 Write short note on stiffening agents ?

Q.16 Write note on desizing & required agents ?

Q.17 Give essential requirements of surfactants ?

Q.18 Write short note on levelling agents ?

Q.19 What is the Role of anti-foaming agents in dyeing ?

Q.20 What are hygroscopic agents . Discuss their role in printing?

Q.21 Enlist various auxiliaries used in dyeing ?

Q.22 What are hygroscopic agents . Discuss their role in printing ?

SECTION-D

Note: Long answer type questions. Attempt any two questions out of three questions. (2x8=16)

Q.23 What is the purpose of soil release finish . Give detail of various auxiliaries used for soil release finish?

Q.24 Write object of water proofing . Write the function of various auxiliaries used for water proofing ?

Q.25 Explain the following the process of acid desizing and mercerization for cotton material ?