

2nd Year / Textile Processing
Subject : Technology of Bleaching-I

Time : 3 Hrs.

M.M. : 60

SECTION-A

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

- Q.1 Name one natural impurity present in cotton?
- a) Water b) Wax
c) Cellulose d) None
- Q.2 Name pH stabalizer used in peroxide bleaching.
- a) Acid b) NaOH
c) H_2O_2 d) Sod. Silicate
- Q.3 Name the chemical used for mercerization ?
- a) Acid b) NaOH
c) H_2O_2 d) Sod. Silicate
- Q.4 Name any one added impurity
- a) Oil Stains b) Wax
c) Colour d) Pigment

- Q.5 Mercerisation willlusture ?
a) Increase b) Do not Change
c) Decrease d) None
- Q.6 Which of the following is a drying m/c ?
a) J-Box b) Cylinder Dryer
c) Kier d) Padding Mangle

SECTION-B

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

- Q.7 Two advantages of peroxide bleaching.
- Q.8 Name two drying machines ?
- Q.9 What are natural impurities of cotton ?
- Q.10 Write objects of shearing ?
- Q.11 Write object of bleaching ?
- Q.12 Name any one washing machine ?

SECTION-C

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

- Q.13 Write short note on enzymatic desizing ?

- Q.14 List out the advantages of sodium hypochlorite bleaching?
- Q.15 Write objectives of singeing ?
- Q.16 Explain the role of stabilizer in peroxide bleaching ?
- Q.17 List various bleaching agents used in textile industry?
- Q.18 Write short note on scouring of coloured woven goods ?
- Q.19 Write a note on effect of pH on bleaching?
- Q.20 Explain tight rope washing?
- Q.21 Differentiate between souring and scouring ?
- Q.22 Write short note on acid desizing ?

SECTION-D

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

- Q.23 Describe the principle & various chemical actions involved in scouring of cotton ?
- Q.24 Discuss in detail any drying machines used in textile industry?
- Q.25 Explain the construction & working of Pad chainless fabric mercerising machine ?