

Sem. 2nd/ Textile Processing
Sub. : Technology of Bleaching-I

Time : 3 Hrs.

M.M. : 60

SECTION-A

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

Q.1 Shearing and cropping is removal of

- a) Protruding fiber b) Wax
- c) Oil d) Ends joining

Q.2 By measuring tape we check for

- a) Stains b) Cut
- c) Length d) All of these

Q.3 Stitching is process for

- a) Hairy fiber b) Wax
- c) Starch d) Ends Joining

Q.4 Scouring efficiency is checked by

- a) Dimensional Stability b) Luster
- c) Absorbency d) None of these

- Q.5 Parameters for Scouring are
a) pH b) Temp.
c) Conc. d) All of these

- Q.6 For washing we use
a) J-Box b) Padding Mangale
c) Washing Unit d) All of these

SECTION-B

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

- Q.7 Air should be present in Kier machine. (True/False)
Q.8 Removal of hairy fiber is done in shearing and cropping. (True/False)
Q.9 Washing and rinsing are done after each process. (True/False)
Q.10 Caustic is a strong _____ (acid/alkali).
Q.11 _____ are removed by stain removal.
Q.12 Uneven singeing is accepted. (True/False)

SECTION-C

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

- Q.13 Explain grey inspection?

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- Q.14 What is the purpose of desizing in textile processing?
Q.15 List commonly used desizing agents and their functions.
Q.16 Name and briefly describe any two desizing methods.
Q.17 State the principle of scouring of cotton.
Q.18 What is the purpose of scouring coloured woven goods?
Q.19 Write a short note on high-pressure kier.
Q.20 What is the function of a J-Box in the scouring process?
Q.21 What is the purpose of washing and souring in textile processing?
Q.22 Write a short note on cylinder drying.

SECTION-D

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

- Q.23 Explain in detail the purpose of souring and any one methods used for it with neat sketch.
Q.24 Define mercerisation. Describe the physical and chemical changes that occur in cotton during mercerisation.
Q.25 Write a detailed note on the sequence of preparatory processes for cotton fabric.

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