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Roll No.

222631

3rd Sem.
Branch : Textile Processing
Sub.: Technology of Bleaching-II

Time : 3 Hrs. M.M. : 60

SECTION-A

Note: Multiple type Questions. All Questions are compulsory. (6x1=6)

- Q.1 In Carbonisation, wool is immersed in _____.
a) Sod. Carbonate b) Sulphuric Acid
c) Nitric Acid d) Sod. Hydroxide
- Q.2 Wool and silk can be bleached with _____.
a) Sodium Hydrosulphite
b) Sod. Perboratem
c) Sod. Hypochlorite
d) Hydrogen Peroxide
- Q.3 Suint in wool is removed by _____.
a) Bleaching b) Scouring
c) Mercerisation d) None of these
- Q.4 Sericin is removed by _____.
a) Scouring b) Bleaching
c) Silk Degumming d) Desizing

- Q.5 Bleaching removes
 a) Oil b) Natural colour
 c) Wax d) Starch
- Q.6 Defect of listedness appear?
 a) After dyeing b) After scouring
 c) Before dyeing d) Before bleaching

SECTION-B

Note: Objective/Completion type questions. All questions are compulsory. $(6 \times 1 = 6)$

- Q.7 Define Scouring.
- Q.8 What is removed in scouring?
- Q.9 At what temp wool is bleached.
- Q.10 Write name of any one machine used for wool scouring.
- Q.11 Write name of one variety of silk.
- Q.12 Write the name of bleaching agent used for polyester.

SECTION-C

Note: Short answer type Questions. Attempt any eight questions out of ten Questions. $(8 \times 4 = 32)$

- Q.13 Discuss about impurities in wool.
- Q.14 Discuss about carbonization of woollen fabrics.
- Q.15 Discuss about emulsion scouring of wool.

- Q.16 What do you mean by weathering and drifting?
- Q.17 Explain degumming of raw silk.
- Q.18 Briefly discuss about scouring of P/V blend.
- Q.19 Explain scouring of polyamides.
- Q.20 Discuss bleaching of wool with Hydrogen peroxide.
- Q.21 Discuss about scouring of Polyester / Viscose Blend.
- Q.22 Discuss briefly scouring of Jute fibre.

SECTION-D

Note: Long answer questions. Attempt any two questions out of three Questions. $(2 \times 8 = 16)$

- Q.23 Explain bleaching of Silk with
 a) Hydrogen per oxide
 b) Sod. Hydro sulphite
- Q.24 Give detailed account of faults in woollen & worsted goods.
- Q.25 Discuss a wool fabric scouring m/c with a neat diagram & give its mechanism.