

SECTION-C

Note: Long answer type questions. Attempt any three questions. 3x10=30

Q.3 Write short note on:-

- a) Vertical creases
- b) Weathering

Q.4 Discuss in detail any two processes for "Bleaching silk".

Q.5 Explain the process of "bleaching of cellulose acetate".

Q.6 Discuss the process of bleaching of polyester in detail.

Q.7 Discuss in detail about wet processing of linen or flax.

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4th Sem. / Text Proc./ Text Chem.

Subject : Tech. of Bleaching- II

Time : 3 Hrs.

M.M. : 100

SECTION-A

Note: Very Short Answer type questions. Attempt any 15 parts. (15x2=30)

Q.1 a) What is O.B.A.

b) Object of degumming.

c) Why scouring of wool is done.

d) Object of bleaching.

e) Name any two bleaching agents used for bleaching of silk.

f) Name any two chemicals used for scouring of wool.

g) Name any two methods of scouring wool.

h) Name two bast fibres.

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- i) Name any two faults in woolen goods.
- j) Which chemical is used for bleaching nylon.
- k) What is half bleaching.
- l) Which machine is used in scouring of wool.
- m) Name any two impurities in wool.
- n) Which impurity is removed in carbonising.
- o) Which chemical is used for carbonising.
- p) What is chemical formula of hydrogen peroxide.
- q) What is boiled off liquor.
- r) What is carbonising of wool.
- iii) Discuss in brief about "harrow machine".
- iv) Discuss the method of bleaching wool with H_2O_2 .
- v) What is "Listedness".
- vi) Discuss the method of degumming of silk.
- vii) Write short note on degumming of silk in blends with wool or rayon.
- viii) Discuss one method of bleaching silk.
- ix) Write short note on bleaching of tussah silk.
- x) Write method of bleaching polyamide with H_2O_2 .
- xi) Discuss method of bleaching polyamide with sodium chlorite.
- xii) What are fluorescent brightening agents.
- xiii) Discuss method of application of D.B.A to cellulose acetate.
- xiv) Write short note on bleaching of hemp.
- xv) Discuss in brief "cold bleaching process" for jute.

SECTION-B

Note: Short answer type questions. Attempt any ten parts 10x4=40

- Q.2 i) What is carbonising.
- ii) Write short note on yarn scouring.

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