

Q.32 Discuss about scouring of polyester fabrics.

No. of Printed Pages : 4

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SECTION-D

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

Q.33 Discuss briefly about

- a) Bleaching of tussah silk (wild silk)
- b) Hydrogen peroxide bleaching of wool.

Q.34 What is degumming of raw silk. Explain the process in detail with chemical used.

Q.35 Write short note on following.

- a) Listedness
- b) Weathering.

Q.36 What are fluorescent brighteners. Why they are required. Explain the chemistry & method of application.

4th / Textile Processing, Text. Chem.

Subject : Technology of Bleaching-II

Time : 3 Hrs.

M.M. : 100

SECTION-A

Note: Objective type questions. All questions are compulsory (10x1=10)

Q.1 Wool is _____ fiber.

Q.2 At what pH wool is scoured.

Q.3 Sodium hydrosulphite is used for bleaching of _____ (wool/silk)

Q.4 Name one variety of silk.

Q.5 At what temperature bleaching of acrylic is done.

Q.6 Name one OBA.

Q.7 At what temperature nylon is bleached.

Q.8 Suggest one bleaching agent for polyester.

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Q.9 What is the chemical formula of hydrogen peroxide.

Q.10 Ramie is a _____ fiber.

SECTION-B

Note:Very short answer type questions. Attempt any ten questions out of twelve questions. 10x2=20

Q.11 Why wool is scoured.

Q.12 Name two impurities of wool.

Q.13 What is degumming.

Q.14 Name two machines used for wool scouring.

Q.15 Name two methods of scouring of wool.

Q.16 Name two chemicals used for bleaching of silk.

Q.17 Name any two faults in woollen goods.

Q.18 Which chemical are used for scouring of P/C blend.

Q.19 What are objects of bleaching.

Q.20 What is the formula of sodium hydrosulphite.

Q.21 What is desizing.

Q.22 Which degumming agents are considered the best.

SECTION-C

Note:Short answer type questions. Attempt any eight questions out of ten questions. 8x5=40

Q.23 Write the process for carbonising of wool.

Q.24 Briefly write about emulsion scouring.

Q.25 How flex is scoured.

Q.26 Write the bleaching process of linen fabric.

Q.27 Discuss recipe & process conditions for piece scouring of wool.

Q.28 Discuss bleaching of acrylic fibers.

Q.29 Briefly explain the bleaching of wool with sulphur dioxide.

Q.30 How bleaching of secondary cellulose acetate is done.

Q.31 Briefly discuss about scouring of P/V blend.

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