

SECTION-D

No. of Printed Pages : 4

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Roll No.

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

Q.23 Discuss role of surface active agents in wet processing, explain in brief about different surfactants?

Q.24 Define auxiliary and classify auxiliaries according to their role in processing?

Q.25 Discuss in detail about any two finishing auxiliaries?

2nd Sem./Branch : Textile processing

Subject : Textile Auxillaries and chemicals

Time : 3 Hrs.

M.M. : 60

SECTION-A

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

Q.1 Which of the following is a kier assistant?

- a) CH_3COOH b) H_2SO_4
- c) Soap d) HCL

Q.2 Which is the popular lubricant used in sizing?

- a) Hair Oil b) Tallow
- c) Soap d) HCL

Q.3 The term producer finish is related to?

- a) Dyeing b) Weaving
- c) Soaping d) Winding

Q.4 Following is/are the type of singeing machine ?

- a) plate b) Roller
- c) Gas d) All of these

Q.5 The term cloud point is related with.

- a) Softeners b) Dyes
- c) pigments d) Caustic

Q.6 Which of following is a dye?

- a) Reactive b) Direct
- c) Vat d) All of these

SECTION-B

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

Q.7 Write name of any one stiffening agent?

Q.8 Write the temperature for acid desizing?

Q.9 At what pH reactive dye is fixed?

Q.10 Write name of any one migration inhibitor?

Q.11 Give name of any one anti-pilling agent?

Q.12 Give name of any one fire retarding agent?

SECTION-C

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

Q.13 List various auxiliaries used in pre-treatment of textiles?

Q.14 Explain role of sequestering agent in processing?

Q.15 Discuss role of hygroscopic agent in printing of textiles?

Q.16 What is role of levelling agents on dyeing?

Q.17 Discuss the factors involved in selection of auxiliaries?

Q.18 What are the essential requirement from a good softener?

Q.19 Write a note on soil release finish?

Q.20 Differentiate water proofing from water repellency?

Q.21 Name different constituents of size paste?

Q.22 List any eight auxiliaries used in textile printing?