

- Q.24 Write any 3 merits and demerits of Thermosol dyeing.
- Q.25 Write any 5 requirements of carrier.
- Q.26 How will you produce level dyeing in acrylic fibre dyeing by basic dye?
- Q.27 Write 5 properties of molecularly splitted Acid dyes.
- Q.28 How will you dye wool with basic dye?
- Q.29 What are retarding agents? Explain its anionic type.
- Q.30 Differentiate between Leveling and Milling acid dyes.
- Q.31 Write the structure of Acrylic and Mod acrylic.
- Q.32 Write 5 properties of cationic dye.
- Q.33 How does HTHP help in polyester dyeing.
- Q.34 Differentiate between disperse dyes types.
- Q.35 Write recipe for dyeing of wool with milling acid dyes.

SECTION-D

Note: Long answer type questions. Attempt any two questions out of three questions. (2x10=20)

- Q.36 Explain pigment colors.
- Q.37 Explain Acrylic fibre dyeing.
- Q.38 Explain the terms saturation value, saturation factor, compatibility

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4th Sem / Text. Proc., Text Chem. Subject:- Technology of Dyeing - II

Time : 3Hrs.

M.M. : 100

SECTION-A

Note: Multiple choice questions. All questions are compulsory (10x1=10)

- Q.1 The strike rate of dyes can be reduced by
- a) Exhausting agent b) Levelling agent
- c) Wetting agent d) None of these
- Q.2 The nylon fibre is belonging to
- a) Polyamide b) PET
- c) PAN d) PVC
- Q.3 Umbrella is dyed by
- a) Mineral colour b) Vat dye
- c) Aniline Black d) None of these
- Q.4 Mod Acrylic is dyed by
- a) Direct dye b) Basic dye
- c) Disperse dye d) None of these

- Q.5 PAN relates to
- Acrylic
 - Acetate
 - Nylon
 - Polyester
- Q.6 Disperse dye has affinity for
- Synthetic fibre
 - Mineral fibre
 - Animal fibre
 - Vegetable fibre
- Q.7 Example of Ingrain dyes are
- Reactive colours
 - Vat colours
 - Oxidation colour
 - None of these
- Q.8 Basic dyes are
- Anionic dyes
 - Cationic dyes
 - Non ionic dyes
 - None of these
- Q.9 Leveling agents act as
- Carriers
 - Retarding agents
 - Exhausting agents
 - None of these
- Q.10 Wool can be dyed by
- Acid dye
 - Metal complex dyes
 - Mordant dyes
 - All of these

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SECTION-B

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

- Q.11 Basic dye is having affinity for cotton. (True/False)
- Q.12 For dyeing Wool with acid dyes needs acid. (True/False)
- Q.13 Acid dye can be used to dye cotton. (True/False)
- Q.14 100% Acrylic fibre is difficult to dye. (True/False)
- Q.15 Now a days _____ (Synthetic/ natural) dyes are extensively used.
- Q.16 Disperse dyes are applied in _____ (acidic/neutral) medium.
- Q.17 Polyester is dyed by _____ (Direct dye / Disperse dye) dyes.
- Q.18 Mineral colors are used to dye _____ uniform.
- Q.19 Can Basic dye be applied on cotton?
- Q.20 In dyes combination, dyes must be _____ (Compatible/incompatible)

SECTION-C

Note: Short answer type questions. Attempt any twelve questions out of fifteen questions. (12x5=60)

- Q.21 Write any 5 properties of Acid dye.
- Q.22 Write any 5 properties oxidation colours.
- Q.23 Write any 5 properties of Acrylic fibre.

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