

- Q.30 Write 2 advantages and disadvantages of thermosol dyeing.
- Q.31 Write any 5 requirements of carrier.
- Q.32 Write in brief about polyester fibre.
- Q.33 Write 2 merits and demerits of carrier dyeing.
- Q.34 Write 2 merits and demerits of HTHP dyeing.
- Q.35 How will you check compatibility?

Section-D

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

- Q.36 Explain pigment/ oxidation colors.
- Q.37 Explain Acrylic fibre dyeing by basic dye.
- Q.38 Explain wool dyeing with acid dyes.

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

Time : 3 Hrs.

M.M. : 100

SECTION-A

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

- Q.1 Nylon fibre is having affinity for
a) Acid dyes b) Disperse dyes
c) Basic dyes d) All of these
- Q.2 Ingrain dyes are
a) Azoic colour b) Mineral colours
c) Oxidation colour d) All of these
- Q.3 Acid dyes are
a) Anionic dyes b) Cationic dyes
c) Non ionic dyes d) None of these
- Q.4 Disperse dye has affinity for
a) Synthetic fibre b) Mineral fibre
c) Animal fibre d) Vegetable fibre
- Q.5 Example of Ingrain dyes are
a) Reactive colours b) Vat colours
c) Oxidation colour d) None of these

- Q.6 Basic dyes are
 a) Anionic dyes b) Cationic dyes
 c) Non ionic dyes d) None of these
- Q.7 The strike rate of dyes can be reduced by
 a) exhausting agent b) Levelling agent
 c) Wetting agent d) None of these
- Q.8 The Nylon fibre can be dyed by
 a) Acid dyes b) Reactive colours
 c) Both A & B d) None of these
- Q.9 The fibre belonging to polyamide is
 a) Cotton b) Acetate
 c) Nylon d) Polyester
- Q.10 Acrylic is a
 a) Regenerated fibre b) Metallic fibre
 c) Natural fibre d) Synthetic fibre

Section-B

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

- Q.11 Polyester is having affinity for _____ (reactive dye/Disperse dye) dyes.
- Q.12 Mineral colours are used to dye _____ (military/nurses) uniform.
- Q.13 Is basic dye having affinity for cotton?

- Q.14 Using combination of dyes, each dye must be _____ (compatible/ incompatible) with each other.
- Q.15 Cotton is not much affected by alkali at normal temp and pressure. (True/False)
- Q.16 Acrylic is having affinity for both Acid dye and Basic Dye (True/False)
- Q.17 Synthetic fibres have _____ (good/bad) moisture absorbancy.
- Q.18 (Silk/Jute) _____ has affinity for Acid dyes.
- Q.19 Acid acts as _____ (retarder/accelerator) in dyeing of wool with acid dyes.
- Q.20 Acid dye has affinity for cotton. (True/False)

Section-C

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

- Q.21 Differentiate between 1:1 and 1:2 metal complex acid dyes.
- Q.22 Write similarities between Acid and Basic dyes.
- Q.23 Write 4 properties of Acid colors.
- Q.24 How does carrier help in polyester dyeing?
- Q.25 Differentiate between Leveling and Milling acid dyes.
- Q.26 What are Acrylic and Mod acrylic?
- Q.27 Write 5 properties of cationic dye.
- Q.28 How does HTHP help in polyester dyeing?
- Q.29 What is role of GTT in Acrylic fibre.