

- Q.22 Write 5 properties of disperse dyes.
- Q.23 Explain any one type of retarding agents.
- Q.24 How will you produce level dyeing in acrylic fibre dyeing by basic dye?
- Q.25 Write 5 properties of molecularly splitted Acid dyes.
- Q.26 Write mechanism of dye wool with basic dye?
- Q.27 What are polymeric retarding agents?
- Q.28 Classify disperse dyes types.
- Q.29 Write recipe for dyeing of wool with acid dyes.
- Q.30 What are disperse dyes? Name its types.
- Q.31 Write recipe for dyeing of silk with acid dyes.
- Q.32 Write any 5 properties of basic dye.
- Q.33 Write any 5 properties pigments colours.
- Q.34 Write any 5 properties of Acid dye.
- Q.35 Write any 5 properties oxidation colours.

SECTION-D

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

- Q.36 Explain role of acid in acid dyeing.
- Q.37 Explain dyeing of polyester by carrier dyeing.
- Q.38 Explain Acrylic fibres.

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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 Retarding agents act as
- a) Levelling agents b) Carriers
 - c) Exhausting agents d) None of these
- Q.2 Silk can be dyed by
- a) Acid dye b) Metal complex dyes
 - c) Mordant dyes d) All of these
- Q.3 Leveling agents act as
- a) Carriers b) Retarding agents
 - c) Exhausting agents d) None of these
- Q.4 Wool can be dyed by
- a) Acid dye b) Metal complex dye
 - c) Mordant dye d) All of these

Q.5 The fibre obtained from worm is

- a) Cotton
- b) Acetate
- c) Silk
- d) Polyester

Q6 Wool is a

- a) Regenerated fibre
- b) Mineral fibre
- c) Animal fibre
- d) Vegetable fibre

Q.7 Pigment has affinity for _____

- a) vegetable fibres
- b) Animal fibres
- c) Synthetic fibres
- d) None of these

Q8 Umbrella is dyed by

- a) Mineral colour
- b) Vat dye
- c) Aniline Black
- d) None of these

Q.9 ModAcrylic is dyed by

- a) Direct dye
- b) Basic dye
- c) Disperse dye
- d) None of these

Q.10 Disperse dyes have affinity for

- a) Polyester
- b) Acetate
- c) Nylon
- d) All of these

SECTION-B

Note: Objective type questions. All questions are compulsory. $(10 \times 1 = 10)$

Q.11 Acid dyes require acidic medium. (True/False)

Q.12 Basic dyes can be used to dye wool. (True/False)

Q.13 100% Acrylic fibre is difficult to dye. (True/False)

Q.14 Now a days _____ (synthetic/ natural) dyes are extensively used.

Q.15 Disperse dyes are applied in _____ (acidic / neutral) medium.

Q.16 Basic dyes are bonded on acrylic by _____ (ion exchange/ covalent bonding).

Q.17 Polyester fibre is having affinity for _____ (disperse/reactive) dye.

Q.18 Manmade fibres are _____ (difficult/ easy) to dye than natural fibre.

Q.19 Silk can be dyed by both acid and basic dyes. (True/False)

Q.20 Synthetic fibres are dyed at room temperature. (True/False)

SECTION-C

Note: Short answer type questions. Attempt any twelve questions out of fifteen questions. $(12 \times 5 = 60)$

Q.21 Write 5 properties of mordant dyes.