

- Q.34 Write down the causes and remedies of centre slevedge variations.

Q.35 Write a short on importance and uses of computer color matching.

SECTION-D

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

- Q.36 Explain dyeing with Jet dyeing machine with a labeled diagram

Q.37 Explain mechanism of dyeing polyester / wool and cotton / wool blends

Q.38 Explain the causes and remedies of dyeing defects in dyeing of synthetic and its blends.

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**5th Sem . /Branch : Textile Processing
Subject:- Technology of Dyeing - III / Dyeing & Color Matching**

Time : 3Hrs. M.M. : 100

SECTION-A

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

- Q.1 dye is used to dye polyester materials

 - a) Acid Dyes
 - b) Azoic Dyes
 - c) Remazol Dye
 - d) Disperse Dye

Q.2 Cotton materials are generally dyed with..... dyes.

 - a) Acid Dyes
 - b) Azoic Dyes
 - c) Reactive Dye
 - d) Sulfur Dye

Q.3 Which form of material is dyed in package dyeing machine ?

 - a) Fibre
 - b) Yarn
 - c) Fabric
 - d) Garment

Q.4 Write down the formula of Sulphuric acid ?

 - a) H_2SO_4
 - b) NaOH
 - c) NaCl
 - d) None of these

Q.5 dyeing machine is preferred to dye knitted materials.

 - a) Loose stock
 - b) Beam
 - c) Winch
 - d) None of these

- Q.6 machine is used dye yarns ?
 a) Beam Dyeing b) Winch
 c) Hank dyeing d) None of these
- Q.7 Give examples of Ingrain dyes ?
 a) Acid Dyes b) Azoic Dyes
 c) Remazol Dye d) Basic Dyes
- Q.8 Give one example of natural dyes ?
 a) Reactive Dye b) Henna
 c) Remazol Dye d) None of these
- Q.9 Give example of exhausting agent ?
 a) H_2O_2 b) NaOH
 c) NaCl d) None of these
- Q.10 Cationic Dyes are also known as
 a) Acid Dyes b) Azoic Dyes
 c) Remazol Dye d) Basic Dyes

SECTION-B

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

- Q.11 Define bleeding
- Q.12 Define affinity.
- Q.13 What is ML ratio
- Q.14 Leveling agents are also work like.....
 (Exhausting/retarders)
- Q.15 The pH range in Dyeing polyester is acidic (True/ False)
- Q.16 Give two examples of alkalies

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- Q.17 What is Auxochrome ?
- Q.18 Why Direct dyes are called so ?
- Q.19 Define fastness.
- Q.20 What is the function of a leveling agent ?
- SECTION-C**
- Note:** Short answer type questions. Attempt any twelve questions out of fifteen questions. $(12 \times 5 = 60)$
- Q.21 Write down the dyeing procedure with Disperse / Reactive dyes on P/C blends.
- Q.22 Write a note on defect, cause and remedies of beam dyeing.
- Q.23 Write down the working of jigger machine.
- Q.24 Write a note on package dyeing machine.
- Q.25 Describe the working of any fibre dyeing machine.
- Q.26 List 4 advantages of using natural dyes against synthetic dyes.
- Q.27 What is moire defect and its remedies
- Q.28 Write down the working of soft flow dyeing machines.
- Q.29 Write down the concept of blending and its advantages
- Q.30 Write down the working of winch dyeing machines.
- Q.31 Write down the method of application of natural dyes on different textile materials
- Q.32 Discuss the working of chain warp dyeing machine.
- Q.33 Write a note on recent development in dyeing.

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