

- 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

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- 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. (10x1=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. (12x5=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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