

Q.24 Explain properties, method of application and classification of Reactive dyes.

Q.25 Classify various colouring matter with the help of a chart.

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4th Semester/ Textile Design
Subject : Dyeing Technology-I

Time : 3 Hrs.

M.M. : 60

SECTION-A

Note: Multiple choice questions. All questions are compulsory (6x1=6)

Q.1. Reactive Dyes forms _____ bond with cotton.

- a) covalent
- b) Hydrogen bond
- c) None of these
- d) Both A& B

Q.2 _____ gives excellent overall fastness on dyeing Cellulosic Materials.

- a) Sulphur Dyes
- b) Disperse Dyes
- c) vat Dyes
- d) Basic Dyes

Q3. To increase the washing fastness of cotton dyed materials with direct dye we go for

- a) Stripping
- b) After treatments
- c) pre treatments
- d) None of these

- Q4. Give examples of Ingrain dyes?
- a) Acid Dyes b) Azoic Dyes
 c) Remazol Dye d) Basic Dyes
- Q5. Give one example of natural Dye?
- a) Reactive Dye b) Henna
 c) Remazol Dye d) None of these
- Q6. Acid Dyes are mainly applied on _____
- a) wool b) Cotton
 c) polyester d) None of these

SECTION-B

Note: Objective/ Completion type questions. All questions are compulsory. (6x1=6)

- Q.7 What is the meaning of M, in MLR?
- Q.8 What is CDFA?
- Q.9 What is fastness
- Q.10 Write 2 examples of reducing agents?
- Q.11 Turmeric is a synthetic dye. (True/False)
- Q.12 What are Procion M dyes?

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SECTION-C

Note: Short answer type questions. Attempt any eight questions out of ten questions. (8x4=32)

- Q.13 Write a short note on Coupling.
- Q.14 What is hydrolysis of reactive dyes?
- Q.15 Write a short note on Natural dyes
- Q.16 Write a short note on Jigger machine
- Q.17 Write down the properties of milling and super milling acid dyes.
- Q.18 Explain the Naphtholisation.
- Q.19 Differentiate between Cold brand and Hot brand reactive dyes?
- Q.20 Write down the properties of mechanism of dyeing with Acid dyes.?
- Q.21 Write the mechanism of dyeing cotton with direct dyes.
- Q.22 Write down the short note on the applications and importance of OBA.

SECTION-D

Note: Long answer type questions. Attempt any two questions out of three questions. (2x8=16)

- Q.23 Classify Vat dyes, mention the reaction mechanism to explain Vatting, dyeing, oxidation with conditions of application.

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