

- Q.27 Explain dyeing procedure of P/C blend with Disperse / Reactive dyes.
 - Q.28 Write down in detail the working of continuous dyeing machine.
 - Q.29 Explain the mechanism involved in application of 1:2 metal complex dyes.
 - Q.30 Write down the Thermosol process of dyeing Polyester.
 - Q.31 Write a note on ecofriendly dyes and Chemicals.
 - Q.32 Write down the method of determining Washing Fastness of a dyed sample.
 - Q.33 Explain the working of package Dyeing machine.
 - Q.34 Write a note on determining rubbing fastness.
 - Q.35 List any five properties of Metal complex dyes

SECTION-D

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

- Q.36 Explain the principle & working of Beam dyeing machine with a neat diagram?

Q.37 Explain the method of determining washing fastness by laundrometer.

Q.38 Explain different dyeing methods of polyester also explain advantages and disadvantages of the methods?

No. of Printed Pages : 4 182553/122553/032541
Roll No. /2554/2542

5th Sem / Text. Desgn
Subject:- Dyeing Technology - II

Time : 3Hrs. M.M. : 100

SECTION-A

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

- Q.1 _____ dyes are used to dye manmade fibres?

a) Direct Dyes b) Azoic Dyes
c) Disperse Dyes d) None of these

Q.2 Which of the following machines are not batch dyeing.

a) jigger b) Hank
c) CDR d) all of these

Q.3 _____ pH is maintained while dyeing with 1:2 metal complex dyes.

a) Acidic b) Alkaline
c) neutral d) None of these

Q.4 Write down the formula of Sulphuric acid?

a) H_2SO_4 b) NaOH
c) Nacl d) None of these

Q.5 Chrome dyes are also called _____?

a) Acid Mordant b) Reactive
c) Basic d) None of these

Q.6 Wool and silk is dyed with _____ dyes
a) Acid Dyes b) Azoic Dyes
c) Disperse Dyes 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 Lodwool / Henna are example of _____?
a) Reactive Dye b) Henna
c) Remazol Dye d) Natural Dye

Q.9 Give example of an exhausting agent?
a) H_2O_2 b) NaOH
c) Nacl d) None of these

Q.10 _____ pH is maintained while dyeing of polyester material.
a) Acidic b) Alkaline
c) Neutral d) None of these

SECTION-B

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

Q.11 _____ pH is maintained during dyeing with Basic Dyes?
Q.12 Name the instrument used to determine rubbing fastness of dyed material.

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Q.13 _____ temperature is maintained during High temperature method of polyester?
Q.14 Define pH?
Q.15 Write two properties of 1:2 metal complex Dyes?
Q.16 Premetallised dyes are also called as _____
Q.17 Color bearing compound in a dyes is called _____?
Q.18 _____ method of polyester Dyeing is noin Textile industry? (Widely used / Not used)
Q.19 Dispersing Agent is used during dyeing of _____ Material.
Q.20 Combination of _____ dye is used to dye P/C blend?

SECTION-C

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

Q.21 Discuss in detail the various methods of dyeing of acrylics with basic dyes.
Q.22 Discuss the dyeing mechanism by Chrome dyes.
Q.23 Write down any five properties of basic dyes.
Q.24 Write down the working of jigger machine.
Q.25 What are the essential qualities of a carrier used in carrier dyeing its disadvantages.
Q.26 Write note on defects and remedies of Dyeing Blends?

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