

- Q.31 Explain the mechanism of dyeing with Mordant dyeing on wool or silk.
- Q.32 Write down any five properties Basic dyes.
- Q.33 Write down a note on defects and remedies in Dyeing in Blends.
- Q.34 Write a note on Use of Eco friendly Dyes and Chemicals.
- Q.35 Write down any five properties of Metal complex dye.

SECTION-D

- Note:** Long answer type questions. Attempt any two questions out of three questions. (2x10=20)
- Q.36 Explain any two dyeing methods of polyester also explain advantages of both the methods.
- Q.37 Write short note on:
- Continuous bleaching range
 - Banned dyes and chemicals
- Q.38 Explain the working of Crockmeter for finding wet and dry rubbing fastness.

No. of Printed Pages : 4
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182553/122553/
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5th Sem. / Textile Design

Subject:- Dyeing Technology-11

Time : 3Hrs.

M.M. : 100

SECTION-A

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

- Q.1 PET relates to _____
- Cotton
 - Acrylic
 - Polyester
 - None of these
- Q.2 _____ machine used to dye fabric.
- Package dyeing
 - Hank dyeing
 - Jigger dyeing
 - None of these
- Q.3 Reduction clearing is term related to dyeing of _____
- Cotton
 - Acrylic
 - Polyester
 - None of these
- Q.4 Mordant dye is also called _____ dyes.
- Reactive
 - Disperse Dyes
 - Chrome
 - Acid dyes
- Q.5 Water which does not form foam in soap is called _____?
- Hard water
 - Soft water
 - Both a and b
 - None of these

- Q.6 _____ are water insoluble?
- a) Pigments b) Soap
- c) Dyes d) None of these
- Q.7 Which of the following machines are not batch dyeing?
- a) Jigger b) Hank
- c) CDR d) All of these
- Q.8 Those dyes and chemicals which do not harm environment are called _____ dyes / chemicals?
- a) Eco friendly b) Banned
- c) Both a and b d) None of these
- Q.9 Give example of an exhausting agent.
- a) H₂O₂ b) NaOH
- c) NaCl d) None of these
- Q.10 Write down Chemical formula of Sodium hydroxide?
- a) H₂O₂ b) NaOH
- c) NaCl d) None of these

SECTION-B

Note: Objective type questions. All questions are compulsory. (10x1=10)

- Q.11 _____ is the full form of MLR.
Q.12 _____ is the full form of CCM.
Q.13 _____ pH is maintained during dyeing with basic dyes.
Q.14 Dispersing agent is used during dyeing of _____ material.

- Q.15 _____ temperature is maintained in Carrier dyeing method of polyester.
- Q.16 Write the basic mechanism of dyeing protein fibre with acid dyes.
- Q.17 Colour bearing compound in a dyes is called _____?
- Q.18 Carrier Dyeing method is _____ used for polyester Dyeing.
- Q.19 Nowadays Carrier Dyeing method is _____ used for polyester dyeing in textile industry.
- Q.20 Combination of _____ dye is used to dye P/Cblend?

SECTION-C

Note: Short answer type questions. Attempt any twelve questions out of fifteen questions. (12x5=60)

- Q.21 Write a note on Chrome dyes.
- Q.22 Explain double bath process of dyeing polyester / cotton blend.
- Q.23 Write down any five properties of Disperse dye.
- Q.24 Write down the defects and remedies in HTHP Beam Dyeing Machine.
- Q.25 Write down the method of finding washing fastness.
- Q.26 Write down the properties and mechanism of dyeing with basic dyes.
- Q.27 What is carrier dyeing also list its disadvantages.
- Q.28 Explain the working of Hank Dyeing machine.
- Q.29 Explain working of Winch dyeing machine.
- Q.30 Write the application method with 1:1 metal complex dyes.