

- Q.30 Explain working of Package Dyeing machine with a neat diagram
- Q.31 Explain the mechanism of dyeing with Mordant dyeing on wool or silk.
- Q.32 Write down any 5 properties of Metal complex dyes.
- Q.33 Write down a note on Defect in Dyeing of Blends
- Q.34 Write down the process of dyeing blends with disperse / vat dyes.
- Q.35 Write a note on Chrome dyes

SECTION-D

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

- Q.36 Write short notes on:
- Continuous bleaching range.
 - Eco friendly dyes and chemicals
- Q.37 Explain High temperature and Thermosol dyeing methods of polyester also explain advantages of both the methods?
- Q.38 Explain the method of determining washing fastness of a dyed material.

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Roll No.

/2554/2542

5th Sem ./ Branch : 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 Which form of material is dyed in Beam Dyeing Machine?
- Fibre
 - Yarn
 - Fabric
 - Garment
- Q.2 Name the machine where only dye liquor moves.
- Winch
 - Jigger
 - Package dyeing
 - None of these
- Q.3pH is maintained while dyeing with 1:2 metal complex dyes.
- Acidic
 - Alkaline
 - Neutral
 - None of these
- Q.4 Write down the formula of Sulphuric acid?
- H₂SO₄
 - NaOH
 - NaCl
 - None of these
- Q.5 is used to determine washing fastness of a dyed materials?

- a) Perspirometer b) Laundrometer
c) Crockmeter d) None of these
- Q.6 is used to measure Rubbing Fastness of material ?
a) Perspirometer b) Laundrometer
c) Crockmeter d) None of these
- Q.7 machine is used to dye loose fibres ?
a) Loose stock b) Jigger
c) Hank dyeing d) Winch
- Q.8 colours are not harmful for environment.
a) Synthetic b) Eco-friendly
c) Pigment d) None of these
- Q.9 Cationic Dyes are also known as
a) Acid dyes b) Azoic Dyes
c) Remazol Dye d) Basic Dyes
- Q.10 method of dyeing polyester is not used these days.
a) Carrier b) High temperature
c) Thermosol d) None of these

SECTION-B

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

- Q.11 Write down full form of OBA.
Q.12 Write down full form of CCM.
Q.13material is dyed with Basic Dyes ?

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- Q.14 Polyester material has structure (amorphous / crystalline)
Q.15 In thermosol dyeing method of polyester is dyed at temperature ?
Q.16 Define blending.
Q.17 Colour bearing compound in a dyes is called?
Q.18 Name the appropriate method of polyester Dyeing /
Q.19 Define Dye.
Q.20 Combination of 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 note on Banned Dyes and Chemicals also give examples of some banned Chemicals .
Q.22 Write any 5 properties of basic dyes.
Q.23 Explain basic method of dyeing P/C blend fabric
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 Discuss about carrier dyeing its disadvantages.
Q.28 Explain the working of Hank dyeing machine.
Q.29 Explain working of Winch dyeing machine.

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