

- 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:

 - Continous 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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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 ?
a) Fibre b) Yarn
c) Fabric d) Garment

Q.2 Name the machine where only dye liquor moves.
a) Winch b) Jigger
c) Package dyeing d) None of these

Q.3pH 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 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 dayeing d) Winch
- Q.8 colours are not harmful for environment.
 a) Synthetic b) Eco-frinedly
 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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