

- Q.29 Write down the properties of mechanism of dyeing with basic dyes?

Q.30 What are the essential qualities of carrier used in carrier dyeing its disadvantages.

Q.31 Write a note on Chrome dyes.

Q.32 Discuss in detail the various methods of dyeing of acrylics with basic dyes.

Q.33 Write a note on defect, cause remedies of beam dyeing.

Q.34 Write down the defects during dyeing of blends and their remedies.

Q.35 Write a short note on Banned dyes and chemicals.

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 dyeing methods of polyester also explain advantages and disadvantages of the methods?

Q.38 Write short notes on any of two:

 - a) Jet dyeing machine
 - b) Hand dyeing machine

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5th Sem / Branch : Text. Design Sub.: Dyeing Technology - II

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 package dyeing?

a) Fibre b) Yarn

c) Fabric d) Garment

Q.2 _____ is used to measure dry/wet rubbing fastness.

a) Perspirometer b) Laundrometer

c) Crockmeter d) None of these

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

a) 1-2 b) 7

c) 5-6 d) 10-11

Q.4 Write down the formula of Sulphuric acid?

a) H₂SO₄ b) NaOH

c) NaCl d) None of these

Q.5 _____ water is used in cotton Dyeing?

a) Hard water b) Soft water

c) Both A & B d) None of these

- Q.6 _____ machine is used dye yarns?
a) Beam Dyeing b) Winch
c) Hank dyeing d) None of these
- Q.7 Give example of ingrain dyes?
a) Acid dyes b) Azoic Dyes
c) Remazol Dye d) Basic dyes
- Q.8 Give one example of natural Dye?
a) Reactive Dye b) Henna
c) Remazol Dye d) None of these
- Q.9 Give example of an exhausting agent?
a) H₂O₂ b) NaOH
c) NaCl d) None of these
- Q.10 Cationic Dyes are also known as _____
a) Acid Dyes b) Azoic Dyes
c) Remazol Dye d) Basic Dyes

SECTION-B

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

- Q.11 Write down two dyeing faults in blend dyeing?
- Q.12 Give an example of eco friendly dye.
- Q.13 What is the function of dispersing agent?
- Q.14 What is objective of wetting agent and exhausting agents?

- Q.15 What is the purpose of Perspirometer?
- Q.16 What is Double bath dyeing process for P/C blend fabric?
- Q.17 What is a chromophore?
- Q.18 Write the objective of sample port?
- Q.19 Carrier dyeing is carried out at _____ temp and at _____ pH.
- Q.20 Name the machines where we can process yarn.

SECTION-C

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

- Q.21 Explain the working of Laundrometer.
- Q.22 Write the properties of Metal complex dyes.
- Q.23 Write down the working of jigger machine.
- Q.24 Write a note on package dyeing machine.
- Q.25 Describe the construction & working of loose stock dyeing machine.
- Q.26 Write the application method with 1:2 metal complex dyes.
- Q.27 Write down in detail the working of continuous dyeing machine.
- Q.28 Write down the dyeing procedure with Disperse /Reactive dyes on P/C blends?