

Q.21 Write any 3 merits and demerits of HT/HP dyeing.

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Q.22 Write 5 properties of disperse dyes.

SECTION-D

Note: Long answer type questions. Attempt any two questions out of three questions. (2x8=16)

Q.23 Explain jigger dyeing machines with neat diagram principle and working

Q.24 Explain dyeing of polyester by any one method dyeing in details.

Q.25 Explain the working & operation of beam dyeing machine with a neat diagram

5th Sem / Textile Design

Subject : Dyeing Technology - II

Time : 3 Hrs.

M.M. : 60

SECTION-A

Note: Multiple choice questions. All questions are compulsory (6x1=6)

Q.1 Acid dyes are _____

- a) Anionic dyes
- b) Cationic dyes
- c) Non ionic dyes
- d) None of these

Q.2 Silk can be dyed by _____

- a) Acid dyes
- b) Metal complex dyes
- c) Mordant dyes
- d) All of these

Q.3 The fibre obtained from worm is _____

- a) Cotton
- b) Acetate
- c) Silk
- d) Polyester

Q.4 Disperse dyes have affinity for _____

- a) Polyester
- b) Acetate
- c) Nylon
- d) All of these

Q.5 Polyester material is mostly dyed with _____

- a) Reactive dyes
- b) Disperse dyes
- c) Basic dyes
- d) None of these

Q.6 Mordant dye is also called _____ dyes.

- a) Reactive dye
- b) disperse dye
- c) Chrome
- d) Acid dye

SECTION-B

Note: Objective/ Completion type questions. All questions are compulsory. $(6 \times 1 = 6)$

Q.7 Ph range in dyeing polyester is alkaline. (True/False)

Q.8 What is the function of dispersing agent?

Q.9 Give an example of banned dye

Q.10 HT/HP stands for _____

Q.11 Polyester fiber is having affinity for _____ (Disperse /Reactive dye)

Q.12 100% Acrylic fibre is difficult to dye. (True/False)

SECTION-C

Note: Short answer type questions. Attempt any eight questions out of ten questions. $(8 \times 4 = 32)$

Q.13 Write short note on banned dyes and chemicals.

Q.14 Explain basic method of dyeing P/C blend fabric.

Q.15 Write down four properties of both disperse and metal complex dyes

Q.16 What are the essential qualities of a carrier used in carrier dyeing, its disadvantage.

Q.17 How will you produce level dyeing in acrylic fibre dyeing by basic dye?

Q.18 Write recipe for dyeing of wool with acid dyes.

Q.19 Write any 5 properties of acid dyes.

Q.20 Write any 5 properties of pigment colours.