

- Q.24 Mention 4 properties of Sulphur dyes.
- Q.25 Mention 4 properties of Vat dyes.
- Q.26 What are exhausting agents? Name any 2.
- Q.27 Differentiate between dye and colouring matter.
(Any 2)
- Q.28 Differentiate between water soluble and water insoluble dyes. (Any 3).
- Q.29 Mention 4 properties of Reactive colors.
- Q.30 Classify Reactive dyes.
- Q.31 What is role of alkali in reactive dye?
- Q.32 What is the principle of dyeing of Indigo Sols?
- Q.33 Why soaping is not done in direct dyed sample.
- Q.34 Write recipe for dyeing of cotton with direct dye.
- Q.35 Write advantages of direct dye.

SECTION-D

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

- Q.36 What is mechanism of direct dye to cotton Mention its any 4 merits.
- Q.37 Explain the Dyeing of cotton with cold brand reactive dyes.
- Q.38 Explain in brief the classification of dyes.

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3rd Sem / Text. Proc., Text Chem Subject:- Technology of Dyeing - I

Time : 3Hrs.

M.M. : 100

SECTION-A

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

- Q.1 The first dye synthesized was
- | | |
|--------------|------------------|
| a) Basic dye | b) Direct Dye |
| c) Acid Dye | d) None of these |
- Q.2 Congo Red Belongs to
- | | |
|--------------|------------------|
| a) Basic dye | b) Direct Dye |
| c) Acid Dye | d) None of these |
- Q.3 Indigo belongs to
- | | |
|-----------------|-------------|
| a) Reactive dye | b) Vat dye |
| c) Azoic colour | d) Acid dye |
- Q.4 Coal Tar dyes are
- | | |
|-------------------|-------------------|
| a) Natural dye | b) Synthetic dyes |
| c) Both (a) & (b) | d) None of these |

- Q.5 Cellulose has affinity for
- Acid dye
 - Metal complex dyes
 - Direct dye
 - All of these
- Q.6 Soda ash is
- Acid
 - Alkali
 - Dye
 - None of these
- Q.7 Colour providing groups are
- Cromophores
 - Auxochromes
 - Both (a) & (b)
 - None of these
- Q.8 Ingrain dyes are
- Azoic colours
 - Mineral colours
 - Oxidation colour
 - All of these
- Q.9 Substantive dyes named as Direct dyes are
- Anionic dyes
 - Cationic dyes
 - Non ionic dyes
 - None of these
- Q.10 Glaubers salt is used as
- Levelling agents
 - Carriers
 - Exhausting agents
 - None of these

SECTION-B

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

- Q.11 Name First Basic dye.
- Q.12 Name First Direct dye.
- Q.13 Who discovered first synthetic dye?
- Q.14 Give two examples of Auxochromes.
- Q.15 Azoic dyes are prepared by _____ & _____.
- Q.16 Main source of light is _____.
- Q.17 Basic dyes has _____ (affinity / no affinity) for cotton.
- Q.18 Turmeric is a natural dye (True/False)
- Q.18 Cotton has affinity for acid dyes. (True/False)
- Q.20 Cotton is easily damaged by strong alkali. (True/False)

SECTION-C

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

- Q.21 Mention 5 properties of Direct dyes.
- Q.22 Define affinity and exhaustion.
- Q.23 What is role of water in dyeing?