

- Q.25 What are readymade colour? Write about any two.

Q.26 Define colour? Why all colour can not be used as a dye?

Q.27 How will you identify direct dye on dyed fabric?

Q.28 Define chromophores with suitable examples.

Q.29 Give the structure of followings:
Phenol, Toluene, Benzene, Cresol

Q.30 Write a note on ice colours.

Q.31 What are functions of auxochromes in a dye molecules?

Q.32 Explain any two forces responsible for dye application.

Q.33 Write about any one Intermediates.

Q.34 What are various bonds?

Q.35 Write about a dye used for polyester.

SECTION-D

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

- Q.36** What are Intermediares? Why are they important ? Explain any two process for there preparation.

Q.37 What is the role of fractional distillation in manufacturing of dyes. Explain it.

Q.38 Describe the colour theory.

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4th Sem / Text. Proc., Text. Chem Subject:- Dyestuff Chemistry

Time : 3Hrs. M.M. : 100

SECTION-A

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

- Q.1 The first dye "Mauve" belongs to
a) Basic dye b) Direct Dye
c) Acid Dye d) None of these

Q.2 The first Direct dye was
a) Magenta b) Congo Red
c) Mauve d) None of these

Q.3 Anthraquinone belongs to
a) Reactive dye b) Vat dye
c) Azoic colour d) Acid dye

Q.4 Petroleum products are used for
a) Natural dye b) Synthetic dyes
c) Both A & B d) None of these

Q.5 Fraction II

- a) Middle oil
- b) Light Oil
- c) Pitch
- d) Anthracene oil

Q.6 Fraction V

- a) Middle oil
- b) Light Oil
- c) Pitch
- d) Anthracene oil

Q.7 Colour is described by

- a) Hue
- b) Brightness
- c) Strength
- d) All of these

Q.8 O.N. Witts theory includes

- a) Dependent chromophores
- b) Independent chromophores
- c) Both A & B
- d) None of these

Q.9 Colour helping groups are

- a) Cromophores
- b) Auxochromes
- c) Both A & B
- d) None of these

Q.10 Visibility relates to

- a) Eyes
- b) Object
- c) Light
- d) All of these

SECTION-B

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

Q.11 Name the scientist who discovered first synthetic dye.

Q.12 Methylene blue dyes belong to which class?

Q.13 Give structure of reactive dyes. (any 1)

Q.14 Name one Azo dye.

Q.15 Primary colours are _____, _____ & _____

Q.16 Give two examples of Chromophores.

Q.17 _____ are prepared by diazotizations & _____.

Q.18 Sun is the main source of _____

Q.19 Name two insoluble dyes.

Q.20 Spectrum of colours.

SECTION-C

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

Q.21 Write a note on chemistry of synthetic dyes.

Q.22 Write Example of any one dye belonging to Indigo group.

Q.23 Write about Coupling.

Q.24 Name few of aromatic compounds (any 4)