

Q.34 What are functions of auxochromes in a dye molecules?

Q.35 Explain any two forces responsible for dye application.

Section-D

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

Q.36 Classify colour.

Q.37 Explain in detail Coal Tar Distillation.

Q.38 Explain O.N. Witts Colour theory.

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Roll No.

4th Sem. / Text. Proc., Text. Chem.

Subject : Dyestuff Chemistry

Time : 3 Hrs.

M.M. : 100

SECTION-A

Note: Multiple type Questions. All Questions are compulsory. (10x1=10)

Q.1 The first Direct dye was

- a) Magenta b) Congo Red
- c) Mauve d) None of these

Q.2 Anthraquinone belongs to

- a) Reactive dye b) Vat dye
- c) Azoic colour d) Acid dye

Q.3 Petroleum products are used for

- a) Natural dye b) Synthetic dyes
- c) Both A & B d) None of these

Q.4 Fraction III

- a) Middle Oil b) Light Oil
- c) Heavy Oil d) Anthracene Oil

Q.5 Colour is described by

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

- Q.6 Chromophores given by O.N. Witt
- Dependent chromophores
 - Independent chromophores
 - Both A & B
 - None of these
- Q.7 Colour providing groups are
- Cromophores
 - Auxochromes
 - Both A & B
 - None of these
- Q.8 Visibility is possible because of
- Eyes
 - Object
 - Light
 - All of these
- Q.9 Indigo belongs to
- Reactive dye
 - Vat dye
 - Azoic colour
 - Acid dye
- Q.10 The first dye "Mauve" belongs to
- Basic dye
 - Direct Dye
 - Acid dye
 - None of these

Section-B

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

- Q.11 Name two soluble dyes.
- Q.12 Name theories of colour.
- Q.13 Name the scientist who discovered first synthetic dye.
- Q.14 Methylene blue dyes belong to which class?

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- Q.15 Give structure of reactive dyes. (any 1)
- Q.16 Sun is the main source of _____.
- Q.17 Name two insoluble dyes.
- Q.18 Spectrum of colours.
- Q.19 Primary colours are _____, _____, & _____.
- Q.20 Give two examples of Chromophores.

Section-C

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

- Q.21 Write about Halogenation.
- Q.22 What is a colour? Why can any colour not be used as a dye?
- Q.23 How will you identify direct dye on dyed fabric?
- Q.24 Define chromophores with suitable examples.
- Q.25 Write a note on chemistry of synthetic dyes.
- Q.26 Write Example of any one dye belonging to Indigo group.
- Q.27 Write about Coupling.
- Q.28 Write a note on azoic colours.
- Q.29 What are functions of auxochromes in a dye molecules?
- Q.30 What are various forces responsible for dyestuff application? Explain any two.
- Q.31 How will you identify Direct dye in powder form.
- Q.32 Write about H-Acid.
- Q.33 Write about Disperse dyes.

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