

3rd Sem / Textile Processing/ 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 colour formed into the fabric .

- a) Azoic colour b) Mineral colour
- c) Oxidation colour d) All of these

Q.2 Ingrain dyes are

- a) Azoic colour b) Mineral colour
- c) Oxidation colour d) All of these

Q.3 Insoluble Dye

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

Q.4 Chemically dyes

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

Q.25 Dye uptake and eq.constt.

Write about role of following: (Q.26 - Q.30)

Q.26 Salt in dyeing

Q.27 Write the various properties of azoic dyes

Q.28 Alkali in reactive dye .

Q.29 Hydro in vat dye .

Q.30 Na_2S in sulphur dye ..

Give the reason of following. (Q.31 - Q.33)

Q.31 Direct dyes are called substantives dyes .

Q.32 Soaping is done as an after treatment in vat dyeing .

Q.33 Bronziness in sulphur dyed fabric .

Q.34 Write properties of direct dyes .

Q.35 Write properties of reactive dyes .

SECTION-D

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

Q.36 Explain application of Sol. vat dye .

Q.37 Explain application of reactive dye.

Q.38 Explain in detail direct dye application.

- Q.5 Wool is dyed by
- a) Reactive dye b) Vat dye
- c) Azoic colour d) Acid dye
- Q.6 Henna is
- a) Natural dye b) synthetic dyes
- c) Both A & B d) None of these
- Q.7 Scientist discovered first
- a) Basic dye b) Direct dye
- c) Acid dye d) None of these
- Q.8 The colour of first basic dye
- a) yellow b) Congo red
- c) Mauve d) None of these
- Q.9 Water soluble dyes
- a) Basic dyes b) Direct dye
- c) Acid dye d) All of these
- Q.10 Polyester is dyed by
- a) Basic dye b) Direct dye
- c) Acid dye d) None of these

SECTION-B

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

- Q.11 Direct dye has affinity for
- Q.12 Vat dye is reduced by
- Q.13 Acid dye is applied in medium .
- Q.14 Vat form is water
- Q.15 Reactive dyes are water.....
- Q.16 Reactive dyes form covalent bonding in presence of
- Q.17 Colour helping group is called
- Q.18 Name first Direct dye .
- Q.19 Colour providing group is called
- Q.20 Sulphur dyes are water

SECTION-C

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

- Q.21 Ready made and ingrain dyes .
- Q.22 Dyes and Pigment
- Q.23 Exhausting and leveling agents
- Q.24 Continuous process and semicontinuous