

SECTION-D

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

Q.23 What are colloidal solutions? Write about its types and properties.

Q.24 What is catalysis? Explain theory of catalysis.

Q.25 Briefly explain Le-Chatlier's principle.

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2nd Sem. / Textile Processing

Subject : Basics for Textile Chemistry

Time : 3 Hrs.

M.M. : 60

SECTION-A

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

Q.1 Suspension have particle size between.

- a) 1A to 10A
- b) 10A to 2000A
- c) more than 2000 A
- d) None of these

Q.2 Lyophilic sols are

- a) solvent loving
- b) Solvent hating
- c) both a and b
- d) None of these

Q.3 Dispersion of finely divided liquid droplets in another liquid makes

- a) Emulsion
- b) Gels
- c) Solution
- d) None of these

Q.4 Concentration can be expressed by

- a) gm/1tr
- b) molarity
- c) molality
- d) All of these

Q.5 Positive catalyst _____ the rate of reaction.

- a) increase
- b) decrease
- c) no change
- d) None of these

Q.6 At equilibrium concentration of reactants and product become.

- a) constant
- b) high
- c) low
- d) None of these

SECTION-B

Note: Objective/ Completion type questions. All questions are compulsory. (6x1=6)

Q.7 What is the function of soap?

Q.8 Give any two ways of expressing concentration of solution.

Q.9 What do you mean by rate of reaction?

Q.10 Name types of detergents.

Q.11 What do you mean by Aromatic compounds?

Q.12 What is the function of catalyst in a reaction?

SECTION-C

Note: Short answer type questions. Attempt any eight questions out of ten questions. (8x4=32)

Q.13 Briefly write about order of a reaction.

Q.14 What are reversible reactions?

Q.15 Write general formula of alkane and give two examples.

Q.16 Briefly write about Tyndall Effect.

Q.17 What do you understand by Protective colloid?

Q.18 What is Gold Number?

Q.19 Define law of mass action.

Q.20 Write any two applications of Le-Chatlier's principle in industry.

Q.21 What is equilibrium in a reaction?

Q.22 Write characteristics of catalytic reactions.