

Q.24 Define soap. Write chemical composition of soap.
Discuss the cleansing action of soap?

Q.25 Discuss the mechanism of a) Acidic buffer b) Basic Buffer

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Roll No.

2nd Sem. / Textile Processing

Subject : Basic for Textile Chemistry

Time : 3 Hrs.

M.M. : 60

SECTION-A

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

Q.1 _____ paper is used to measure acidity or alkalinity of a solution

- | | |
|---------|----------|
| a) Sand | b) pH |
| c) Vat | d) Solid |

Q.2 Following are the sources of fats?

- | | |
|-------------|---------------------|
| a) Animal | b) Plants |
| c) Minerals | d) All of the above |

Q.3 Two immiscible liquid are mixed to form?

- | | |
|-------------|----------|
| a) Emulsion | b) Gel |
| c) Sol | d) Jelly |

Q.4 Following is the example of acid?

- a) Caustic b) Soda ash
- c) Ammonia d) Acetic

Q.5 Aromatic compounds have _____ Smell?

- a) Sweet b) Pungent
- c) Harsh d) Bad

Q.6 Colloidal particles show _____ motion?

- a) Brownian b) Fast
- c) Slow d) Intermittent

SECTION-B

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

Q.7 Chemical Formula for sulphuric Acid is?

Q.8 pH above 7 are _____ in nature

Q.9 Catalyst _____ the rate of reaction?

Q.10 General Formula for alkenes is?

Q.11 Alkali Release _____ ion in water?

Q.12 Write two examples of strong base?

SECTION-C

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

Q.13 Explain Optical properties of sol?

Q.14 Give four Applications of colloids?

Q.15 Write Lewis Concept of acid & bases with examples?

Q.16 How soaps are different from detergents? (any 4)

Q.17 Write four properties of Enzyme Catalyst?

Q.18 Classify cyclic Compounds?

Q.19 Discuss theory of catalyst?

Q.20 Give any four Application of Le-chateleir Principle?

Q.21 What is Hardy-Shulz Law?

Q.22 What is Brownian Movement?

SECTION-D

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

Q.23 Give General formula of 1) Alkanes and 2) alcohols. Give their uses? (5 each)