

b) Electrical property of sol?

c) Alkaline d) Acidic

Q.5 NaOH is a strong _____

- a) Acid b) Basic
- c) Liquid d) Solid

Q.6 Lyophobic sols are also called Solvent _____
(loving/hating)

- a) loving b) hating
- c) attracting d) keeping

SECTION-B

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

Q.7 Chemical Formula for Acetic Acid is?

Q.8 pH below 7 are _____ in nature.

Q.9 Chemical equilibrium Can be seen only for _____ system?

Q.10 General Formula for alkenes are _____?

Q.11 Acid Release _____ ion in water?

Q.12 Particle Size between 1A to 10A is called _____ solution?

SECTION-C

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

Q.13 Explain Mechanical properties of sol?

Q.14 Explain theory of catalysis?

Q.15 Write difference between Soap & detergent?

Q.16 What are characteristics of catalytic reaction?

Q.17 Write any four Application of Le-chateleir Principle?

Q.18 Write any five applications of colloids?

Q.19 Explain gold number?

Q.20 Write any five properties of alkanes?

Q.21 Explain concept of buffers?

Q.22 Explain the working of pH meter?

SECTION-D

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

Q.23 Write chemical Formula of

- 1) Urea
- 2) Phenol and give their uses?