

New Education Society Lanja
ACS College, Lanja
Semester-VI Exam
Sample Question

- 1) A saturated solution of KCl is used for making salt bridge because-
 - a) Velocity of K^+ and Cl^- is nearly the same
 - b) Velocity of K^+ and Cl^- is different
 - c) KCl is soluble in water
 - d) KCl is insoluble in water.
- 2) In ESR spectrometer, radiations in the microwave region are obtained from.....
 - a) Compton oscillator
 - b) Klystron oscillator
 - c) wave oscillator.
 - d) Isolator
- 3) Halides are.....
 - a) Weak field ligands
 - b) Strong field ligands
 - c) Ligands with intermediate strength
 - d) very strong field ligand
- 4) Metal-hydrogen exchange reactions are also known as
 - a) Transmetallation reaction
 - b) Carbanion-halide exchange reaction
 - c) Metallation reaction
 - d) Co-metallation
- 5) Which of the following are the main structural features of protein?
 - a. Peptide linkage
 - b. Ester linkage
 - c. Ether linkage
 - d. acid linkage
- 6) Isoprene unit is present inpolymer
 - a. Natural
 - b. Synthetic
 - c. Semi-synthetic
 - d. Addition
- 7) The current flowing through the solution at a particular applied potential when no electrolytic process is occurring is known as _____ current.
 - a. Non-Faradic
 - b. Faradic
 - c. Diffusion
 - d. Decomposition
- 8) _____ is used to prevent body odour caused by the bacterial breakdown of perspiration.
 - a. Deodorant,
 - b. Antiperspirants
 - c. Talcum Powder
 - d. Lipstick
- 9) In sulphonamides, the amino and sulfonyl groups on the benzene ring should be at.....position.
 - a) Ortho
 - b) Para
 - c) meta
 - d) iso.
- 10) The example of nitroso dye is.....
 - a. Auramine o
 - b. Congo red
 - c. Gambine Y
 - d. Orange IV