
Class X – Science (Chemical Reactions and Equations)

- 1) Copper displaces which of the following metals from its salt solution:
 - a) ZnSO_4
 - b) FeSO_4
 - c) AgNO_3
 - d) NiSO_4
- 2) In an electrolytic cell where electrolysis is carried, anode has:
 - a) Positive Change
 - b) Negative Change
 - c) Connected to negative terminal of the battery
 - d) None of these is correct
- 3) The reaction $\text{H}_2 + \text{Cl}_2 \rightarrow 2\text{HCl}$ represents
 - a) Oxidation
 - b) Reduction
 - c) Decomposition
 - d) Combination
- 4) In the reaction $\text{PbO} + \text{C} \rightarrow \text{Pb} + \text{CO}$
 - a) PbO is oxidised
 - b) C act as an oxidising agent
 - c) C act as a reduction agent
 - d) Reaction does not represent redox reaction.
- 5) A substance which oxidizes itself and reduces other is known as
 - a) Oxidising agent
 - b) Reducing agent
 - c) Both (a) and (b)
 - d) None of these
- 6) What happens chemically when quick lime is added to water?
- 7) Why are food particle preferably packed in aluminium foil?
- 8) What happens to lime water when CO_2 gas is bubbled through it in excess?
- 9) A student dropped few pieces of marble in dilute hydrochloric acid contained in a test tube. The evolved gas was then passed through lime water. What change would be observed in lime water? Write balanced chemical equation for both the change observed?
- 10) Why silver does not evolve hydrogen on reacting with dilute H_2SO_4 ?