

X- Chemistry Ln - 7,8&9 One marks

- Which of the following methods is suitable for preventing an iron pan from rusting?
a) Applying grease b) applying a coat of zinc
b) Applying paint d) all the above
- Food cans are coated with tin and not zinc because
a) Zinc is costlier than tin b) zinc has a higher melting point than tin
b) Zinc is more reactive than tin d) zinc is less reactive than tin
- The articles made-up of copper become green on prolonged exposure to air and moisture. This is due to formation of layer of its.
a) Oxide b) hydride c) sulphide d) carbonate
- Which of the following reactants are used to carry out the thermite reaction required for welding the broken railway tracks?
a) $Al_2O_3 + Fe$ b) $MnO_2 + Fe$ c) $Fe_2O_3 + Al$ d) $Cu_2O + Fe$
- The correct increasing order of the atomic radii of the elements oxygen, fluorine, nitrogen is
a) O,F,N B) N,F,O C) O,N,F D) F,O,N
- On moving from left to right in a period of the periodic table the atomic number of elements increases. What happens to the size of atoms of elements on moving from left to right in a period?
A) Increase b) decrease c) remains same d) first increase then decrease
- Carbon dioxide gas is filled in soft drinks at high pressure. As a result _____
a) The solubility of CO_2 decrease b) the solubility of CO_2 increase
b) No change d) the soft drink becomes sweet in taste
- In exothermic process as the temperature increases, solubility of the salt is _____
a) Increase b) decrease
c) No change d) first increase then decrease
- An example for a solution containing liquid solute and gas solvent is
a) Soda water b) cloud c) cork d) smoke
- What is the name given to the liquids which dissolve solids?
a) Solute b) solvent c) solution d) mixture
- 6.023×10^{23} atoms of sulphur contains
a) 2 mole b) 3mole c) 4mole d) 1 mole
- The sulphide ores are generally concentrated by
(a) Gravity separation (b) froth floatation process (c) magnetic separation
- In aluminothermic process aluminum acts as
(a) Oxidizing agent (b) reducing agent (c) flux (d) none of these
- The process of heating the ore in the absence of air is called
(a) Roasting (b) liquation (c) calcinations (d) smelting
- The formula of sodium Meta aluminate is
(a) $NaAlO_3$ (b) Na_2AlO_2 (c) $NaAlO_2$ (d) Na_3AlO_6
- A solution which has more of solute at a given temperature than that of saturated solution is called _____
a) Saturated b) Super saturated c) Unsaturated
- The number of grams of solute necessary to saturate 100g of solvent at that temperature is called _____
a) Normality b) Molality c) Solubility
- Solubility of CaO decreases with increase in _____
a) Pressure b) Temperature c) Volume