

Dpp 1

- Which of the following are exothermic process?
 - Reaction of water with quicklime
 - Dilution of acid
 - Evaporation of water
 - Sublimation of camphor
 - A B
 - A D
 - B C
 - B D
- $\text{MnO}_2 + 4\text{HCl} \longrightarrow \text{MnCl}_2 + 2\text{H}_2\text{O} + \text{Cl}_2$
Identify substance which is oxidised
 - MnCl_2
 - HCl
 - H_2O
 - MnO_2
- Select the oxidising agent among the following
 $\text{H}_2\text{S} + \text{I}_2 \longrightarrow 2\text{HI} + \text{S}$
 - H_2S
 - HI
 - I_2
 - S
- What type of reaction occurs when current is passed through water ?
 - Displacement
 - Combination
 - Decomposition
 - Double displacement
- Substance added to food containing oils and fats is
 - Oxidant
 - Reductant
 - Antioxidant
 - Antireductant
- Formula of calcium nitride is
 - Ca_3N_2
 - Ca_2N_3
 - CaN_3
 - CaN_2
- $\text{Fe}_2\text{O}_3 + 2\text{Al} \longrightarrow \text{Al}_2\text{O}_3 + 2\text{Fe}$
 - Combination
 - Displacement
 - Decomposition
 - Double displacement
- Ferrous sulphate on heating produces
 - Ferric oxide
 - Carbon dioxide

- c) Oxygen
d) Water
9. Which of following is combustion reaction
a) Boiling of water
b) Burning of petrol
c) Melting of wax
d) None
10. In oxidation reaction oxidation number....
a) Increases
b) Decreases
c) No effect
d) other
- 11 Which of the following reaction is endothermic?
(1) $C + O_2 \longrightarrow CO_2$
(2) $CaCO_3 \longrightarrow CaO + CO_2$
(3) $CH_4 + 2O_2 \longrightarrow CO_2 + 2H_2O$
(4) $CaO + H_2O \longrightarrow Ca(OH)_2$
- 12 Which of the following reaction is based on activity series of metals?
(1) Decomposition reaction
(2) Displacement reaction
(3) Double displacement reaction
(4) Synthesis reaction
- 13 Which of the following reaction is based on activity series of metals?
(1) Decomposition reaction
(2) Displacement reaction
(3) combination reaction
(4) Double displacement reaction