

Choose the correct answer:

[1] BCl_3 is (A) acid according to Arrhenius (B) base according to Arrhenius (C) acid according to Lewis (D) none of these.

[2] Acetic acid is (A) strong acid (B) strong base (C) weak acid (D) weak base.

[3] Solution of sodium acetate is (A) neutral (B) acidic (C) basic (D) none of these.

[4] Metals are (A) electropositive elements (B) electronegative elements (C) inert (D) none of these

[5] Mn is (A) metal (B) nonmetal (C) Oxide (D) none of these.

[6] Mn_2O_7 is (A) acidic oxide (B) basic oxide (C) amphoteric oxide (D) none of these

[7] $\text{SnO} + 4\text{NaOH} + \text{H}_2\text{O} \rightarrow \text{Na}_x [\text{Sn}(\text{OH})_6]$ (A) $x=2$ (B) $x=3$ (C) $x=4$ (D) none of these

[8] In the extractive metallurgy of copper, potassium amyl xanthate is (A) slag (B) collector (C) matte (D) none of these.

[9] $\text{NH}_3 + \text{HNO}_3 \rightarrow \text{-----}$ (A) ammonium sulphate (B) ammonium chloride (C) ammonium nitrate (D) none of these

[10] $2\text{NH}_3 + \text{Cl}_2 \rightarrow \text{NH}_4\text{Cl} + \text{-----}$ (A) Chloramine (B) chloroform (C) ammonia (D) none of these