

ACIDS, BASES AND SALTS

1. Strong acid among the following. ()
A) NaOH B) CH_3COOH C) HCl D) NH_4OH
2. Weak acid among the following. ()
A) NaOH B) CH_3COOH C) HCl D) NH_4OH
3. Strong base among the following. ()
A) NaOH B) CH_3COOH C) HCl D) NH_4OH
4. Weak base among the following. ()
A) NaOH B) CH_3COOH C) HCl D) NH_4OH
5. The PH value of a neutral solution []
A) 0 B) 6 C) 7 D) 14
6. Strong acid among the solutions given below []
A) Solution with PH = 1 B) Solution with PH = 4
C) Solution with PH = 7 D) Solution with PH = 14
7. Weak base among the solutions given below []
A) Solution with PH = 3 B) Solution with PH = 7
C) Solution with PH = 9 D) Solution with PH = 13
8. When PH of rain water is less than _____, it is called acid rain.
A) Solution with PH = 1 B) Solution with PH = 5.6
C) Solution with PH = 7 D) Solution with PH = 14
9. Tooth decay starts when the PH of the mouth is lower than
A) Solution with PH = 14 B) Solution with PH = 5.6
C) Solution with PH = 5.5 D) Solution with PH = 7
10. To get rid of acidity, people use bases called antacids like milk of magnesia, a mild base ()
A) NaOH B) $\text{Mg}(\text{OH})_2$ C) KOH D) NH_4OH
11. The salt formed due to strong acid and strong base []
A) Acidic salt B) Basic salt C) Neutral salt D) Can't say
12. The salt formed due to strong acid and weak base []
A) Acidic salt B) Basic salt C) Neutral salt D) Can't say
13. The salt formed due to weak acid and strong base []
A) Acidic salt B) Basic salt C) Neutral salt D) Can't say
14. The salt formed due to weak acid and weak base []
A) Acidic salt B) Basic salt C) Neutral salt D) Can't say
15. Complete the equation of chloro – alkali process.. []
 $2 \text{NaCl} + 2 \text{H}_2\text{O} \rightarrow 2 \text{NaOH} + \dots\dots\dots + \text{H}_2$
A) HCl B) HOCl C) Cl_2 D) NaCl
16. Raw material for the materials like sodium hydroxide, bleaching powder is []
A) Acid B) Base C) Common salt D) Water
17. The chemical name of backing soda... []
A) Sodium chloride B) Sodium hydroxide C) Sodium hydrogen carbonate D) Sodium carbonate
18. The chemical formula of washing soda... []
A) NaHCO_3 B) Na_2CO_3 C) $\text{Na}_2\text{CO}_3 \cdot 10\text{H}_2\text{O}$ D) NaCl
19. An ingredient in antacids... []
A) Sodium hydroxide B) Baking soda C) Washing soda D) Bleaching powder
20. Identify plaster of paris in the following... []
A) $\text{CaSO}_4 \cdot \frac{1}{2} \text{H}_2\text{O}$ B) $\text{CaSO}_4 \cdot 2 \text{H}_2\text{O}$ C) $\text{CuSO}_4 \cdot 5 \text{H}_2\text{O}$ D) $\text{Na}_2\text{CO}_4 \cdot 10 \text{H}_2\text{O}$
21. Colour of hydrate copper sulphate crystals.. []
A) White B) Blue C) Red D) Black
22. The material which doctors use for supporting fractured bones in the right position.. []
A) Gypsum B) Plaster of paris C) Copper sulphate D) Hydrated Copper sulphate
23. Water of crystallisation is the fixed number of _____ molecules present in one formula unit of salt
A) Water B) Base C) Oxygen D) Hydrogen