

ACIDS, BASES AND SALTS

1. Strong acid among the following. ()
A) NaOH B) CH₃COOH C) HCl D) NH₄OH
2. Weak acid among the following. ()
A) NaOH B) CH₃COOH C) HCl D) NH₄OH
3. Strong base among the following. ()
A) NaOH B) CH₃COOH C) HCl D) NH₄OH
4. Weak base among the following. ()
A) NaOH B) CH₃COOH C) HCl D) NH₄OH
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) Mg(OH)₂ C) KOH D) NH₄OH
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 NaCl + 2 H₂O → 2 NaOH + + H₂
A) HCl B) HOCl C) Cl₂ 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) NaHCO₃ B) Na₂CO₃ C) Na₂CO₃.10H₂O 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) CaSO₄.½ H₂O B) CaSO₄.2 H₂O C) CuSO₄.5 H₂O D) Na₂CO₄.10 H₂O
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