

Chemistry 9th Class English Medium Unit 7 Online Test

Sr	Questions	Answers Choice
1	Which acid is not used as a food or mixed with food?	A. Tartaric Acid B. Formic Acid C. Ascorbic acid D. Citric Acid
2	While baking which gas is responsible for raising the bread and making it soft?	A. Oxygen B. Carbon monoxide C. Carbon di oxide D. Nitrogen
3	Predict the main characteristics of the reactions of metals with acids.	A. Metals are dissolved B. Hydrogen gas is evolved C. Metals are converted into salts D. All the above mentioned characteristics are true
4	How many hydroxide ions, calcium hydroxide will release in water.	A. 2 B. 1 C. 3 D. zero
5	In a neutralization reaction between KOH and H ₃ PO ₄ how many molecules of KOH will react with one molecule of H ₃ PO ₄	A. 1 B. 2 C. 3 D. 4
6	Which acid is used in the preparation of soap.	A. Oxalic Acid B. Citric Acid C. Stearic Acid D. Tartaric Acid
7	Which compound is formed when SO ₂ is dissolved in water	A. H ₂ SO ₃ B. SO ₃ C. H ₂ SO D. H ₂ SO ₇
8	Which of the following contains oxalic acid	A. Orange B. Sour Milk C. Tomato D. Tamarind
9	When a chemical reaction is carried out with a substance Z, a gas is produced which turns red litmus paper blue. What is the reaction?	A. Reaction of an acid with a metal carbonate B. Reaction of an alkali with ammonium salt C. Reaction of an acid with ammonium salt D. None of these
10	A base is a substance which neutralizes an acid. Which of these substances is not a base.	A. Aqueous ammonia B. Calcium oxide C. sodium Chloride D. Sodium carbonate
11	Acetic Acid is used for	A. Cleaning metal B. Etching designs C. Flavouring food D. Making explosives
12	Acids mean	A. Bitter B. Salty C. Sweet D. Sour
13	All Acids turn blue litmus.	A. Pink B. White C. Colourless D. Red
14	All bases turn red litmus.	A. Blue B. White C. Pink D. Colourless

15	Which of the following cannot be classified as Arrhenius acid	A. CO ₂ B. HNO ₃ C. H ₂ CO ₃ D. H ₂ SO ₄
16	Milk of magnesia contains Mg(OH) ₂ It is used as antacid It neutralizes excess stomach acid. Which salt is formed in this reaction.	A. MgCl ₂ B. MgSO ₄ C. MgCO ₃ D. MgO
17	According to Arrhenius concept acid is a substance which dissociates in aqueous solution to give.	A. Proton B. Pair of Electron C. Hydrogen ions D. Hydroxide ion
18	According to Arrhenius concept base is a substance which dissociates in aqueous solution to give	A. Hydroxide ions B. Hydrogen ions C. Pair of Electrons D. Proton
19	Which one is not an Arrhenius base.	A. KOH B. NaOH C. NH ₃ D. Ca(OH) ₂
20	Which one is not an Arrhenius acid?	A. HCl B. H ₂ SO ₄ C. CO ₂ D. HNO ₃
21	Which of the following is Bronsted base?	A. HCl B. CH ₃ COOH C. H ₂ O D. NH ₃
22	Ammonia is a base, because it	A. Ionizes in water to give OH ⁻ ions B. Can accept proton C. Contains OH group D. Can accept an electron pair
23	According to Bronsted and Lowry concept, an acid is a substance that can donate.	A. Proton B. Electron pair C. Neutron D. Electron
24	A substance which can behave as an acid as well as a base is called	A. Amphoteric species B. Acid C. Base D. Neutral species
25	A reaction between an acid and a base produces	A. Salt and an acid B. Salt and base C. Salt and water D. Salt and gas
26	Which acid is present in our stomach.	A. Nitric Acid B. Hydrochloric acid C. Sulphuric acid D. All of the above
27	When acids react with metals which gas is evolved?	A. O ₂ B. N ₂ C. Cl ₂ D. H ₂
28	When acids react with metal with carbonates and bicarbonates which gas is produced.	A. N ₂ B. H ₂ C. Cl ₂ D. CO ₂
29	Alkalis react with ammonium salts to liberate.	A. CO ₂ B. SO ₂ C. H ₂ D. NH ₃
30	Which is used to manufacture soap?	A. NH ₄ OH B. Ca(OH) ₂ C. NaOH D. Mg(OH) ₂
31	Acid rain has pH less than.	A. 6 B. 7 C. 7.4 D. 5.6
32	Caustic chemical drain cleaner are capable of dissolving.	A. Hair B. Food C. Grease D. All of these

