

## Acid Base Chemistry

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	Acidic Acid is used for	A. Cleaning metal B. Etching designs C. Flavouring food D. Making explosives
3	Alkalis react with ammonium salts to liberate.	A. CO <sub>2</sub> B. SO <sub>2</sub> C. H <sub>2</sub> D. NH <sub>3</sub>
4	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
5	While baking which gas is responsible for raising the bread and making it soft?	A. Oxygen B. Carbon monoxide C. Carbon dioxide D. Nitrogen
6	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
7	When acids react with metals which gas is evolved?	A. O <sub>2</sub> B. N <sub>2</sub> C. Cl <sub>2</sub> D. H <sub>2</sub>
8	Caustic chemical drain cleaner are capable of dissolving.	A. Hair B. Food C. Grease D. All of these
9	Which acid is present in our stomach.	A. Nitric Acid B. Hydrochloric acid C. Sulphuric acid D. All of the above
10	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
11	Which of the following cannot be classified as Arrhenius acid	A. CO <sub>2</sub> B. HNO <sub>3</sub> C. H <sub>2</sub> CO <sub>3</sub> D. H <sub>2</sub> SO <sub>4</sub>
12	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
13	All Acids turn blue litmus.	A. Pink B. White C. Colourless D. Red
14	Which of the following contains oxalic acid	A. Orange B. Sour Milk C. Tomato D. Tamarind
15	Milk of magnesia contains Mg(OH) <sub>2</sub> It is used as antacid It neutralizes excess stomach acid. Which salt is formed in this reaction.	A. MgCl <sub>2</sub> B. MgSO <sub>4</sub> C. MgCO <sub>3</sub> D. MgO

D. MgO

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16	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
17	How many hydroxide ions, calcium hydroxide will release in water.	A. 2 B. 1 C. 3 D. zero
18	Ammonia is a base, because it	A. Ionizes in water to give OH <sup>-</sup> ions B. Can accept proton C. Contains OH group D. Can accept an electron pair
19	Which of the following is Bronsted base?	A. HCl B. CH <sub>3</sub> COOH C. H <sub>2</sub> O D. NH <sub>3</sub>
20	All bases turn red litmus.	A. Blue B. White C. Pink D. Colourless

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