

Acid B Acid Base Chemistry

Sr	Questions	Answers Choice
1	When acids react with metals which gas is evolved?	A. O ₂ B. N ₂ C. Cl ₂ D. H ₂
2	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
3	Which acid is present in our stomach.	A. Nitric Acid B. Hydrochloric acid C. Sulphuric acid D. All of the above
4	According to Bronsted and Lowry concept, an acid is a substance that can donate.	A. Proton B. Electron pair C. Neutron D. Electron
5	All bases turn red litmus.	A. Blue B. White C. Pink D. Colourless
6	Which of the following is Bronsted base?	A. HCl B. CH ₃ COOH C. H ₂ O D. NH ₃
7	All Acids turn blue litmus.	A. Pink B. White C. Colourless D. Red
8	Which is used to manufacture soap?	A. NH ₄ OH B. Ca(OH) ₂ C. NaOH D. Mg(OH) ₂
9	Which compound formed when SO ₂ is dissolved in water	A. H ₂ SO ₃ B. SO ₃ C. H ₂ SO D. H ₂ S ₂ O ₇
10	Acids means	A. Bitter B. Salty C. Sweet D. Sour
11	Which one is not an Arrhenius base.	A. KOH B. NaOH C. NH ₃ D. Ca(OH) ₂
12	When a chemical reaction is carried out with a substance; a gas is produced which turns red litmus paper blue. What is the reaction?	A. Reaction of an acid with a metal carbonate B. Reactin of an alkali with ammonium salt C. Reaction of an acid with ammonium salt D. None of these
13	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
14	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
		A. Tartaric Acid B. Citric Acid C. Acetic Acid D. Sulfuric Acid

15 Which acid is not used as a food or mixed with food?
B. Formic Acid
C. Ascorbic acid
D. Citric Acid

16 Acid rain has pH less than.
A. 6
B. 7
C. 7.4
D. 5.6

17 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

18 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

19 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

20 Which one is not an Arrhenius acid?
A. HCl
B. H₂SO₄
C. CO₂
D. HNO₃