

Acid bases and Salts

Sr	Questions	Answers Choice
1	The colour of litmus paper in strong acidic solution.	A. Red B. Blue C. Yellow D. Colourless
2	If a liquid has a pH of 7 then it must.	A. Be a colourless and odourless liquid B. Freeze at 0 $^{\circ}\text{C}$ and boil at 100 $^{\circ}\text{C}$ C. Be natural D. Be a solution containing water
3	Which acid is used an electrolyte in lead storage battery?	A. H_2SO_4 B. HNO_3 C. HCl D. CH_3COOH
4	What is the POH of a 0.02 M $\text{Ca}(\text{OH})_2$?	A. 1.698 B. 1.397 C. 12.31 D. 12.61
5	A conjugate base is a specie formed by donating a.	A. Proton B. Electron pair C. Neutron D. Electron
6	A salt always	A. Contain ions B. Contains water of crystallization C. Dissolves in water D. Forms crystals which conduct electricity
7	Lewis acid-base concept have the following characteristics except:	A. formation of an adduct B. Formation of a co-ordinate covalent bound C. Donation and acceptance of an electron pair D. Donation and acceptance of a proton
8	Which is used to remove the grease stains from clothes?	A. NaOH B. KOH C. $\text{Al}(\text{OH})_3$ D. NH_4OH
9	Which is a Lewis base?	A. H^+ B. NH_4^+ C. BF_3 D. AlCl_3
10	Which one of the following is Lewis base?	A. AlCl_3 B. H^+ C. NH_3 D. BF_3
11	All bases turn red litmus	A. Red B. Blue C. Pink D. White
12	Malic acid is present in	A. Apple B. Feats C. String of bees D. Urine
13	Acid used for cleaning metals , tanning and in printing industries, is:	A. H_2SO_4 B. HNO_3 C. CH_3COOH D. HCl
14	Uric Acid is present in	A. Apple B. Fats C. Urine

15 Phenolphthalein produces red colour in
A. Acid
B. Base
C. Both a and b
D. None of these

16 Arrhenius presented his concept about acids and bases in.
A. 1785
B. 1787
C. 1923
D. 1930

17 Which of following is not amphoteric?
A. H_{2}O
B. NH_3
C. HCO_3
D. SO_4

18 The meaning of latin word acidus is.
A. Sweet
B. Tasteless
C. Salty
D. Sour

19 _____ acid cause acidity of stomach.
A. Oxalic acid
B. Hydrochloric acid
C. Sulphuric acid
D. Nitric Acid

20 Word "acid" derived from:
A. Urdu
B. English
C. Latin
D. Greek
