

Acid bases and Salts

| Sr | Questions | Answers Choice |
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| 1 | There are _____ types of salts. | A. 2 B. 3 C. 6 D. 8 |
| 2 | Soda time is a mixture of: | A. CaO and NaOH B. CaCl ₂ and NaOH C. CaO and ca(OH) ₂ D. CaCl ₂ and KOH |
| 3 | Which one is used for alkaline batteries? | A. NaOH B. Ca(OH) ₂ C. KOH D. Mg(OH) ₂ |
| 4 | What is pOH of 0.01 M solution of HCl? | A. 1 B. 4 C. 12 D. 13 |
| 5 | _____ is not an acid: | A. HCl B. NH ₃ C. H ₂ CO ₃ D. H ₂ SO ₄ |
| 6 | Arrhenius presented his concept about acids and bases in. | A. 1785 B. 1787 C. 1923 D. 1930 |
| 7 | Indicators are the | A. Inorganic compounds B. Organic compounds C. Ionic compounds D. Covalent compounds |
| 8 | The colour of litmus paper in strong acidic solution. | A. Red B. Blue C. Yellow D. Colourless |
| 9 | The water of crystallization is responsible for the. | A. Melting points of crystals B. Boiling points of crystals C. Shapes of crystals D. Transition point of crystals |
| 10 | 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 |
| 11 | Dilute acid react with carbonates the produce product except _____ | A. Salt B. Water C. Carbon di oxide D. Hydrogen gases |
| 12 | A conjugate base is a specie formed by donating a. | A. Proton B. Electron pair C. Neutron D. Electron |
| 13 | According to Lewis concept a base is a substance which can donate. | A. Proton B. Electron pair C. Neutron D. Electron |
| 14 | The colour of litmus in a strong basic solution become. | A. Yellow B. Blue C. Red D. Colourless |
| | | A. Acid B. Base |

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| 15 | Phenolphthalein produces red colour in | B. Base C. Both a and b D. None of these |
| 16 | According to the Lewis concept acid is a substance which can. | A. Donate a proton B. Donate a pair of electron C. Accept a proton D. Accept a pair of electron. |
| 17 | A product of any Lewis acid base reaction is a single specie called. | A. Salt B. Water C. Adduct D. None of these |
| 18 | Which one is Lewis Acid? | A. BF_3 B. AlCl_3 C. FeCl_3 D. All of these |
| 19 | The bond in the product of lewis acid base reaction. | A. Ionic B. Covalent C. Metallic D. Coordinate covalent |
| 20 | Water of crystallization is responsible for. | A. Melting points of crystals B. Boiling point of crystal C. Shape of crystal D. Transition points of crystals |