

ECAT Chemistry MCQ's Test For Full Book

| Sr | Questions | Answers Choice |
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| 1 | The chloroform reacts with NaOH to give | <p>A. CH_3COONa B. Sodium oxalate C. CH_3OH D. HCOONa</p> |
| 2 | Mass of simple electron is: | <p>A. 9.1×10^{-31} kg B. 9.1×10^{-30} kg C. 1.66×10^{-31} kg D. 9.1×10^{-31} kg</p> |
| 3 | Which can be prepared from HNO_3 ? | <p>A. T.N.T B. Fertilizers C. Picric acid D. All of these</p> |
| 4 | Corrosion reaction are | <p>A. Spontaneous redox reaction B. Non-spontaneous acid-base reactions C. Spontaneous acid-base reactions D. None of these</p> |
| 5 | β -dichloroethyle sulphide is commonly known as: | <p>A. Mustared gas B. Laughing gas C. Phosgene gas D. Bio gas</p> |
| 6 | The number of bonds in nitrogen molecule is | |

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| 7 | The acid present in vinegar is | A. CH_3COOH B. HCl C. H_2SO_4 D. HCOOH |
| 8 | Solubility curve of $\text{Na}_2\text{SO}_4 \cdot 10\text{H}_2\text{O}$ shows | A. Constant increase of solubility B. Constant decreases of solubility C. Discontinuously solubility with temperature D. None of above |
| 9 | In electrolytic cells, the chemical changes may be : | A. Either spontaneous or non-spontaneous B. Always spontaneous C. Always non-spontaneous D. More spontaneous and less non-spontaneous. |
| 10 | Ammonia contains nitrogen in it | A. 46% B. 50% C. 80% D. 82% |
| 11 | Two or more similar monomers combine to form: | A. Homopolymer B. Copolymer C. Ter Polymer D. Thermoplastic polymers |
| 12 | Lysine is _____ amino acid | A. Acidic B. Basic C. Natural D. None of these |
| 13 | Gasoline is a mixture of hydrocarbons containing carbon atoms | A. 5 to 10 B. 5 to 8 C. 5 to 12 D. 5 to 11 |
| 14 | The difference of potential of two electrodes when concentration of solution is 1M each at 25°C and 1 atm is called : | A. Cell reaction. B. Electrode potential. C. Cell voltage. D. Standard cell potential. |
| 15 | When two hydrogen atoms approach each other. | A. Forces of attraction operate. B. Forces of repulsion operate. C. Forces of attraction and repulsion operate simultaneously. D. Nothing happens. |
| 16 | Colour of bromine is | A. Pale yellow B. Greenish yellow C. Red brown D. Greyish black |
| 17 | Biodegradable pollutant is | A. Plastic B. Asbestos C. Sewage D. Mercury |
| 18 | Alkanes are non-polar or weakly polar compounds that are insoluble in. | A. Polar solvent B. Uni-polar solvent C. Non-polar solvent D. None of these |
| 19 | Kolb's method of alkanes production, is actually | A. Hydrolysis B. Catalysis C. Electrolysis D. Hydrogenation |
| 20 | Which of the following compounds contains a triple bond? | A. Alkane B. Alkene C. Alkyne D. Benzene |