

Chemistry General Science Test Hard Mode

| Sr | Questions | Answers Choice |
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| 1 | Heating a mixture of sodium benzoate and soda lime gives | A. Methane B. Benzene C. Sodium benzene D. Calcium benzoate |
| 2 | Bell metal is an alloy of | A. Cu,Zn,and Sn B. Cu,Zn and Ni C. Cu and Zn D. Cu and Sn |
| 3 | If the solvent is inflammable for heating purpose we use | A. Ice bath B. Water bath C. Wire gauze D. Thermostat |
| 4 | Sodium thiosulfate is used in photography because of its | A. Oxidizing behaviour B. Reducing behaviour C. Complexing behaviour D. Photochemical behaviour |
| 5 | The vapour density of a gas is 11.2 The volume occupied by 11.2 g of this gas at N.T.P is | A. 22.4 liters B. 11.2 liters C. 1 liter D. 2.24 liters |
| 6 | How many kinds of space lattices are possible in a crystal? | A. 23 B. 7 C. 230 D. 14 |
| 7 | If a salt bridge is removed between the two half cells the voltage | A. Drops to zero B. Does not change C. Increases gradually D. Increases rapidly |
| 8 | Which inorganic precipitate acts as semipermeable membrane? | A. Calcium sulphate B. Barium oxalate C. Nickel phosphate D. Copper ferrocyanide |
| 9 | For most of the chemical reaction the rate of reaction | A. Increases as the reaction proceeds B. Decreases as the reaction proceeds C. May increases or decreases during the reaction D. Remains constant as the reaction |
| 10 | Natural frertilizer provides phosphorus to plants in the form of P_2O_5 | A. 1.2 kg B. 2.2 kg C. 3.2 kg D. 4 kg |
| 11 | By using the fluted filter paper rate of filtration is | A. Increased B. Decreased C. Filtration is constant D. Having no effect |
| 12 | Rusting of iron is catalysed by | A. Fe B. O_2 C. Zn D. H_2O |

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| | | D. H^+ |
| 13 | Which one of the following elements occurs free in nature? | A. N_2 B. P C. As D. Sb |
| 14 | The most reactive compound for electrophilic nitration will be | A. Benzyl chloride B. Benzoic acid C. Nitrobenzene D. Chlorobenzene |
| 15 | The formula of nitre is | A. KNO_3 B. NaNO_3 C. NaCl D. Na_2CO_3 |
| 16 | Which of the following species participate in sulphonation of benzene ring? | A. H_2SO_4 B. HSO_3^- C. SO_3 D. SO_3^{2-} |
| 17 | A current of 9.65 ampere flowing for 10 minutes deposits 3.0 g of the metal which is monovalent the atomic mass of the metal is | A. 10 B. 50 C. 30 D. 96.5 |
| 18 | Potassium is kept in | A. Water B. Ammonia C. alcohol D. Kerosene E. C_6H_6 |
| 19 | Which of the following belongs to the halogen family? | A. Francium B. Polonium C. Radium D. Astatine |
| 20 | All the naturally occurring processes proceed spontaneously in a direction which lead to | A. Decrease of entropy B. Increase of enthalpy C. Increase of free energy D. Decrease of free energy |