

## Chemistry General Science Test Hard Mode

Sr	Questions	Answers Choice
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. <span style="font-size: 14.4444465637207px;">Cu, Zn, and Sn</span> B. <span style="font-size: 14.4444465637207px;">Cu, Zn and Ni</span> C. <span style="font-size: 14.4444465637207px;">Cu and Zn</span> D. <span style="font-size: 14.4444465637207px;">Cu and Sn</span>
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. <span style="font-size: 14.4444465637207px;">Oxidizing behaviour</span> B. <span style="font-size: 14.4444465637207px;">Reducing behaviour</span> C. <span style="font-size: 14.4444465637207px;">Complexing behaviour</span> D. <span style="font-size: 14.4444465637207px;">Photochemical behaviour</span>
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 fertilizer 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. $CO_2$

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13	Which one of the following elements occurs free in nature?	A. N 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 <sub>3</sub> B. NaNO <sub>3</sub> C. NaCl D. Na <sub>2</sub> CO <sub>3</sub>
16	Which of the following species participate in sulphonation of benzene ring?	A. H <sub>2</sub> SO <sub>4</sub> B. HSO <sub>3</sub> C. SO <sub>3</sub> D. SO <sub>2</sub>
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.  
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

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