

Chemistry General Science Test Hard Mode

Sr	Questions	Answers Choice
1	The following has zero valency	A. Na B. Be C. Al D. Kr
2	Which has maximum protein content?	A. Ground nut B. Cow milk C. Egg D. Wheat
3	Calcium acetate when dry distilled gives	A. Formaldehyde B. Acetaldehyde C. Acetone D. Acetic anhydride
4	The total pressure exerted by a number of non reacting gases is equal to the sum of partial pressure of the gases under the same conditions is known as	A. Boyle's law B. Charles's law C. Avogadro's law D. Dalton's law
5	In Friedal-Craft's alkylation besides $AlCl_3$ the other reactants are	A. $C_6H_6 + NH_3$ B. $C_6H_6 + CH_4$ C. $C_6H_6 + CH_3Cl$ D. $C_6H_6 + CH_3COCl$
6	The relative rates of diffusion of a gas (Mol. wt. = 98) as compared to hydrogen will be	A. 1/7 B. 1/5 C. 1/4 D. 1
7	How many moles of Helium gas occupy 22.4 L at $0^\circ C$ at 1 atm. Pressure?	A. 0.11 B. 0.90 C. 1.0 D. 1.11
8	Bell metal is an alloy of	A. Cu, Zn, and Sn B. Cu, Zn and Ni C. Cu and Zn D. Cu and Sn
9	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
10	Rusting of iron is catalysed by	A. Fe B. O_2 C. Zn D. H^+
11	Ionic solids with defects contain	A. Equal number of cation and anion vacancies B. Interstitial anions and anion vacancies C. Cation vacancies only D. Cation vacancies and interstitial cations
		A. n-Heptane

12	Octane number is zero for	B. Isooctane C. n-Hexane D. Isoheptane
13	Which of the following is not present in RNA?	A. Uracil B. Thymine C. Ribose D. Phosphate
14	The IUPAC name of the compound having the formula $(\text{CH}_3)_3\text{C}-\text{CH}=\text{CH}_2$ is	A. 1, 1 -Dimethyl-3-butene B. 1, 1, 1-Trimethyl-3-propene C. 3,3,-Dimethyl-1-butene D. 3,3,3-Trimethyl-1-propene
15	Which of the following is different from the other three oxides?	A. MgO B. SnO C. ZnO D. Cr_2O_3
16	An endothermic reaction is one in which	A. Heat is converted into electricity B. Heat is absorbed C. Heat is evolved D. Heat is converted into mechanical work
17	Wholer prepared ures from	A. Ammonia B. NH_4CNO C. NH_3 D. uric acid
18	BiCl_3 on hydrolysis forms a white precipitate of	A. Bismuthio is acid B. Bismuth oxychloride C. Bismuth pentachloride D. Bismuth hydroxide
19	Sodium metal cannot be stored under	A. Benzene B. Kerosene oil C. Alcohol D. Toluene
20	Bragg's law is given by equation	A. $n\lambda = 2d \sin\theta$ B. $n\lambda = 2d \sin\theta$ C. $2n\lambda = d \sin\theta$ D. $n\lambda = 1/2 d \sin\theta$