

Chemistry General Science Test Hard Mode

Sr	Questions	Answers Choice
1	The addition of HBr is easiest with	A. CH ₂ = CHCl B. ClCH = CHCl C. CH ₃ - CH = CH ₂ D. (CH₃)₂ C = CH₂
2	Mark the smallest atom	A. F B. Cl C. Br D. I
3	Which of the following method is most appropriate for the manufacture of methane?	A. By reduction of CH ₂ CL ₂ B. Wurtz reaction C. Liquification of natural gas D. None of these
4	The mass of the neutron is of the order of	A. 10 ⁻²³ kg B. 10 ⁻²⁴ kg C. 10 ⁻²⁶ kg D. 10 ⁻²⁷ kg
5	Leblanc process is employed in the manufacture of	A. Baking soda B. Washing soda C. Potash D. Plaster of paris
6	The formula of nitre is	A. KNO₃ B. NaNO ₃ C. NaCl D. Na ₂ CO ₃
7	A clathrate may be defined as a	A. Cage compound B. Liquid crystal C. Mixture D. Solid solution
8	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
9	Vital force theory was rejected by	A. Berzelius B. Kolbe C. Wholer D. Lavoiser
10	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
11	The rate at which a substance reacts depends on its	A. Atomic weight B. Equivalent weight C. Molecular weight D. Active mass
12	The relative rate of diffusion of a gas (molecular wright - 128) as compared to oxygen is	A. 2 times B. 1/4 C. 1/8 D. 1/2
13	In N.W.F.P the phosphate fertilizer are produced at	A. D.I.Khan B. Haripur C. Nowshera

D. Dargai

14	Saturated solution of NaCl on heating becomes	A. Super saturated B. Unsaturated C. Remains saturated D. None
15	Which of the following has least mass?	A. 2 gram atom of nitrogen B. 3×10^{23} atoms of C C. 1 mole of S D. 7.0 g of Ag.
16	Which of the following fluorides does not exist?	A. NF_5 B. PF_5 C. AsF_5 D. SbF_5
17	In which molecule carbon atom is sp^2 hybridized	A. CH_4 B. C_2H_4 C. C_2H_2 D. None of the above
18	The formula of calcium cyanamide is	A. $\text{Ca}(\text{CN})_2$ B. CaC_2N C. CaNCN D. CaCHNH_2
19	Which of the following is different from the other three oxides?	A. MgO B. SnO C. ZnO D. Cr_2O_3
20	Which of the following compounds has the lowest anion to cation size ratio?	A. LiF B. NaF C. CsI D. CsF