

Chemistry General Science Test Hard Mode

Sr	Questions	Answers Choice
1	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
2	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
3	The principle constituent of pyrex glass is	A. Zn B. B C. Pb D. Cl
4	Which has maximum protein content?	A. Ground nut B. Cow milk C. Egg D. Wheat
5	Bleaching action of bleaching powder is due to the liberation of	A. O_2 B. OCl^- C. Cl_2 D. Cl^-
6	Which of the following is an example of body centred cube?	A. Magnesium B. Zinc C. Copper D. Sodium
7	2 g oxygen contains number of atoms equal to that in	A. 0.5 g of hydrogen B. 4 g of sulphur C. 7 g of nitrogen D. 2.3 g of sodium
8	The number of unpaired electrons in the P-subshell of oxygen atom	A. 1 B. 2 C. 3 D. 4
9	Alum is not used	A. As a mordant in dyeing B. As an insecticide C. In purification of water D. In tanning of leather
10	Which has the largest radius?	A. CO_3^{3+} B. Mn^{3+} C. Fe^{3+} D. Cr^{3+}
11	When $KClO_3$ is heated it decomposes into KCl and O_2 if some MnO_2 is added the reaction goes much faster because	A. MnO_2 decomposes to give O_2 B. MnO_2 provides heat by reacting C. Better contact is provided by MnO_2 D. MnO_2 acts as a catalyst
12	Which of the following is a colligative property?	A. Melting point B. Osmotic pressure C. Freezing point D. Sublimation temperature
13	During the folding of filter paper the apex form angle of about	A. 80° B. 60° C. 180° D. 90°
14	Which one of the following elements occurs free in nature?	A. N B. P C. As D. Sb

15	Which has largest first ionization energy?	<p>A. Li</p> <p>B. Na</p> <p>C. K</p> <p>D. Rb</p>
16	Which of the following substances is used as an antiknock compound?	<p>A. Tetraethyl lead</p> <p>B. Lead tetrachloride</p> <p>C. Lead acetate</p> <p>D. Ethyl acetate</p>
17	Maximum number of active hydrogens are present in	<p>A. Acetic-acid</p> <p>B. Glycerol</p> <p>C. Methane</p> <p>D. Methanol</p>
18	Al is more reactive than Fe but Al is less easily corroded than Fe Because	<p>A. It is a noble metal</p> <p>B. Oxygen forms a protective reaction easily with water</p> <p>C. Iron undergoes reaction easily with water</p> <p>D. Fe form mono and divalent ions.</p>
19	Which is the most amphoteric?	<p>A. Na_2O</p> <p>B. MgO</p> <p>C. Al_2O_3</p> <p>D. CaO</p>
20	Galena is an ore of	<p>A. Gallium</p> <p>B. Lead</p> <p>C. Tin</p> <p>D. Germanium</p>