

Chemistry General Science Test Hard Mode

Sr	Questions	Answers Choice
1	One mole of a gas refers to	A. The number of molecules in one litre of gas B. The number of molecules in one gram of gas C. The number of molecules contained in 12 grams of ^{12}C isotope D. The number of molecules in 22.4 liters of a gas at S.T.P.
2	Ozone is not	A. An allotrope B. A powerful oxidizing agent C. Paramagnetic D. A bent molecule
3	Potassium crystallizes with a	A. Orthogonal lattice B. Cubic lattice C. Triclinic D. Ortho rhombic lattice
4	Vital force theory was rejected by	A. Berzelius B. Kolbe C. Wholer D. Lavoiser<div> </div>
5	Which of the following is a molecular disease?	A. Allergy B. Cancer C. German measles D. Sickle cell anemia
6	Which of the following metal exhibits more than one oxidation?	A. Na B. Mg C. Fe D. Al
7	The pore size of the filter paper depends upon	A. Nature of the medium B. Temperature of the medium C. Size of the particles D. Mass of the particles
8	Which of the following imparts violet colouration to the non-luminous flame of Bunsen burner?	A. NaCl B. BaCl_{2} C. CaCl_{2} D. KCl
9	Pollutant of automobile exhausts that affects nervous system/produces mental diseases is	A. Mercury B. Lead C. Nitrogen oxide D. Sulphur oxide
10	An exothermic reaction is one in which the reacting substances	A. Have more energy than the products B. Have less energy than the products C. Have the same energy as the products D. Are at a higher temperature than the products
11	Al is more reactive than Fe but Al is less easily corroded than Fe Because	A. It is a noble metal B. Oxygen forms a protective reaction easily with water C. Iron undergoes reaction easily with water D. Fe form mono and divalent ions.
12	Which one of the following has the lowest boiling point?	A. B B. Al C. Ga D. In

13	The most reactive compound for electrophilic nitration will be	A. Benzyl chloride B. Benzoic acid C. Nitrobenzene D. Chlorobenzene
14	Which is the most amphoteric?	A. Na ₂ O B. MgO C. Al ₂ O ₃ D. CaO
15	Portland cement is manufactured by using	A. Limestone, clay and sand B. Limestone, gypsum and sand C. Limestone, gypsum and alumina D. Limestone, clay and gypsum
16	Which one of the following compounds does not exist?	A. NCl ₅ B. AsF ₅ C. SbCl ₅ D. PF ₅
17	The substance used as a smoke screen in warfare is	A. SiCl ₄ B. PH ₃ C. PCl ₅ D. Acetylene
18	Galena is an ore of	A. Gallium B. Lead C. Tin D. Germanium
19	On heating acetaldehyde with ammonical silver nitrate solution we get	A. CH ₃ OH B. Silver acetate C. HCHO D. Silver mirror
20	The rotation of two carbon atoms joined by double bond would happen only if	A. Pi bond is broken B. Sigma bond is broken C. Both bonds are broken D. None of above
