

Chemistry Fsc Part 1 Online Test

Sr	Questions	Answers Choice
1	A ring has 6 g of diamond in it. What is the number of atoms in it.	A. 3.01 x 10 ²³ B. 6.02 x 10 ²³ C. 6.02.01 x 10 ⁹ D. 12.01 x 10 ²³ E. 3.01 x 10 ²³
2	Which is more acidic pH3 or pH 5?	A. Both same B. pH 3 C. pH5 D. Cannot say
3	Which one of the followng has maximum mass.	A. 0.5 mol of N2 B. 0.5 Mol of NH3 C. 0.5 mol of He D. 0.5 mol of H2
4	The reaction at the cathode is alwyas	A. Oxidation B. Neutral C. Reduction D. lonization
5	What is the unit of cell potanetial.	A. ampere B. Volt C. Ohm D. Farad
6	Which species is educed in the followig rection ? Zn + Cu Zn	A. Cu2+ B. Zn C. Cu D. Zn3+
7	When a bond is formed	A. Energy is absorbed B. Energy is released C. Delta H is always zero D. No energy change
8	Suppose there are 100 molecules of a gas initially in jar A, which is connected to an evacuated jar B, When the stopcock is opened, the positive ways of arrangement of molecules will be	A. 100 B. 1/100 C. 2/100 D. 1/2
9	Isomers are compounds with	A. Same molecular formula, same structure B. Differnte molecular formula, same structure C. Same molecular formula, differente structure D. Same boiling points
10	Which of the following materials is an example of an amorphous solid	A. Glass B. lce C. Diamon D. Sodium Chaloride
11	Which of the following is not a free radical	A. CH3 B. CI+ C. O2 D. NO+
12	Which law states that enthalpy change is independent of the path taken.	A. Hess's law B. Boyle's law C. Avogadr's law D. Dalto's law
13	The sum of atomic masses of all the elements present in a oles in called.	A. Atomic mass B. lonic mass C. Molecular mass D. Emperical formula mass
14	Le Chatelier's Principle applies to.	A. Irreversibel reactions B. Static equilibrium C. Dynamic equilibrium D. Precipitation reactions

15	Which oxidation state will not shown by S	A2 B. +4 C. +8 D. +2
16	Liquid crystals exhibit properties.	A. Only like solids B. Only like liquid C. Between solids and liquids D. Unliek solids or liquids
17	Paramagnetic specie is.	A. N2 B. N2 ⁻¹ C. O2 ⁺² D. O2 ⁻²
18	Which of the following is not a use of electrochemistry	A. Manufacture of explosives B. Electroplating C. Extractio of metals D. Electrorefining
19	Consider a reaction with Delta H > 0 and Delta S<0 this reaction will be	A. Spontaneous at all temperaturres B. Non spontaneous at all temperature C. Spontaneous only at high temperatures D. Spontaneous only atlow temperature
20	Which of the following is NOT a property of liqud crystals.	A. Fludity B. Rigidity like crystals C. Complete isotropy D. Viscosity