

Fsc Part 1 Chemistry MCQ's Test For Full Book

Sr	Questions	Answers Choice
1	Half life of zero order reaction is	A. Constant B. Proportional to [A] C. Inversely proportional with [A] D. Independent to rate constant
2	K _p is used for.	A. Solid state reactions B. Gaseous reactions C. Aqueous reactions D. Liquid reactions
3	Which of the following molecules has a central atom with sp ³ hybridization and a tetrahedral electron pair geometry.	A. <chem>CCl4</chem> B. <chem>BF3</chem> C. <chem>SO2</chem> D. <chem>PCl5</chem>
4	If the pH of solution is 11, what is the [OH ⁻] concentration in the solution.	A. 1×10^{-3} M B. 1×10^{-11} M C. 1×10^{-2} M D. 1×10^{-14} M
5	Which of the following is a tribasic acid.	A. <chem>H3PO4</chem> B. <chem>HNO3</chem> C. <chem>HCl</chem> D. <chem>H2SO4</chem>
6	The cathode in an electrolytic cell is.	A. Positive electrode B. Negative electrode C. Neutral electrode D. None
7	The standard enthalpy of atomization of an element is always.	A. Negative B. Positive C. Zero D. Depend on element
8	Which one is a Lewis base.	A. <chem>H+</chem> B. <chem>NH3</chem> C. <chem>HCl</chem> D. <chem>BF3</chem>
9	Half life is time is which	A. Rate becomes zero B. Concentration reduces to 1/4 C. Concentration reduces to half D. Product is half formed
10	Which of the following is not a property of polymers.	A. High melting point B. Flexibility C. Insolubility in water D. Low molecular mass
11	Covalent bonds are	A. Right and directional B. Non rigid and directional C. Rigid and non directional D. Non rigid and non directional
12	Which of the following is an extensive property.	A. Enthalpy B. Temperature C. Density D. Pressure
13	Which of the following quantities is NOT typically determined using Hess's Law.	A. Enthalpy change of formation B. Activation energy C. Enthalpy change of combustion D. Enthalpy change of reaction
14	The enthalpy change for a reaction depends on.	A. Pathway taken from reactants to products B. Presence of a catalyst C. Initial and final states of the reactants and products D. Rate of the reaction
		A. Teflon

15	A polymer used for non-stick cookware is.	B. Nylon C. Polyvinyl chloride D. Polythene
16	Electrochemical equivalent is.	A. Mass per mole B. Mass per coulomb C. Charge per second D. Current per mass
17	Which one of the following effects explains the cooling during the sudden expansion of a gas.	A. Boyle's Effect B. Joule Thomson Effect C. Charles Effect D. Avogadro's law
18	4.0 g of NaOH (molar mass 40 g mol ⁻¹) contains same number of sodium ions as are present in	A. 5.3 g of Na ₂ CO ₃ B. 58.5 g of NaCl C. 76 g Na ₂ SO ₄ D. 85 g of NaNO ₃
19	What happens to the shape of a NaCl crystal when 10% urea is present in its solution.	A. It becomes needle like B. It becomes larger C. It remains the same D. It becomes cubic
20	Which of the following atoms show anomalous configuration.	A. Cu B. CO C. Fe D. Ni