Fsc Part 1 Chemistry MCQ's Test For Full Book

Sr	Questions	Answers Choice
1	The solubility product of AgCl is 2.0 x 10^{-10} mol2 dm-6. The maximum concentration of Ag+ ions in the solution is.	A. 2.0 x 10⁻¹⁰ mol dm⁻³ B. 1.41 x 10⁻⁵ mol dm⁻³ C. 1.0 x 10⁻¹⁰ mol dm⁻³ D. 4.0 x 10⁻²⁰ mol dm⁻³
2	Down cell is used for extractio of.	A. Zinc B. Iron C. Sodium D. Aluminum
3	The reversibel reation cannot be achieved in	A. Open system B. Closed system C. Both a and b D. None of these
4	Which of the following is a tribasic acid.	A. H3PO4 B. HNO3 C. HCl D. H2SO4
5	On an energy profile diagram the presence of a catalyst is represented by	A. A highe rpeak representing the activation energy B. A lower peak representing the activation energy C. A change in the energy level of the reactants or products D. A shift in the equilibrium position
6	The calorie content of food, often expressed in Calories (keal), is fundamentally related to which thermodynamic quantity during its metabolism or combustion.	A. Enthealpy change B. Entropy change C. Gibbs free engnergy change D. Specific heat capacity
7	Half life formula for 1st order reaction is	A. 0.693 /k B. k x t C. 1 /k D. 2 k
8	Alkanes react with halogens via.	A. Electrophilic substitution B. Free radical substution C. Nucleophilic addition D. Electrophilic addition
9	What is the SI unit of viscosity.	A. Pascal B. kg m-1 s-1 C. Joule D. Nm-2
10	Kc = 0.040 at 450 oC for the teh given reaction, evaluate Kp for the reaction. Pcl5 ..... PCl2 + Cl2	A. 0.40 B. 2.4 C. 0.64 D. 0.052
11	The order of a chemicla reaction, that is dependent of concentration is.	A. Second order reaction B. First order reaction C. Zeroorder reaction D. Pseudo first order reaction
12	Electroysis is used in the extration of	A. Silver B. Gold C. Aluminum D. Mercury
13	The numebr of molesof CO2 which contain 8 g of oxygen	A. 0.25 B. 0.5 C. 1.0 D. 1.50
		A. 81 g water B. 6.02 x 10²³ atom

14	One mole of water contains.	C. 6.02 x 10²³ ions D. 6.02 x 10²³ molecule E. 6.02 x 10²³ atom
15	Standard hydrogen electrode is assigned potential of.	A. 1.0 V B. 0.5 V C. 0.0 V D. -1.0 V
16	When a crystalline solid is broken, it does so along specific planes, Theseplanes are kown as.	A. Cleavage planes B. Crystal faces C. Surface planes D. Growth planes
17	A mixture of 8 g of H2 with 8 g of O2 is ignited 2H2 +O2----------2H2O What is the mass of water formed.	A. 9 g B. 36 g C. 16 g D. 72 g
18	CH3COONA is a salt of.	A. Strong acid+ Strong base B. Weak acid+Strong base C. None D. Weak base+Weak acid
19	Homogenous catalysts are in	A. Same phase as reactionts B. Different phase C. Solid only D. Gaseous only
20	Unit of rate for gaseous reaction are.	A. mol dm-3 s-1 B. atm C. mol D. kg s-1