


ECAT Chemistry MCQ's Test For Full Book

Sr	Questions	Answers Choice
1	Calcium carbonate contains oxygen in it	A. 48% B. 50% C. 53% D. 60%
2	The elimination of hydrogen halide from adjacent carbon atoms is called	A. Dehydrogenation B. Hydrogenation C. Dehydrohalogenation D. Hydrohalogenation
3	The rate at which a substance reacts is directly proportional to its active mass and the rate of reaction is directly proportional to the product of the active masses of reacting substances, is called	A. Law of conservation of energy B. Le-Chateliers principle C. Law of mass action D. None of these
4	As it passes into food chain, the concentration of DDT	A. Remains same B. Decreases C. Increases D. Unpredictable
5	An electron with $n = 3$, $l = 2$ will be in the sub-shell	A. 3p B. 3d C. 3f D. 3s
6	C-X bond is strong in	A. CH_3Cl B. CH_3Br C. CH_3F D. CH_3I
7	Which of the following yield both hydrogen and chlorine on electrolysis:	A. Electrolysis of acidified water. B. Electrolysis of molten NaCl C. Electrolysis of aqueous NaCl D. Electrolysis of saline water
8	High purity copper metal is obtained by	A. Carbon reduction B. Hydrogen reduction C. Electrolytic reduction D. Thermite reduction
9	Two solutions of NaCl and KCl are prepared separately by dissolving 0.1 M of the solute in water. Which of the following statements is not true for these solution	A. KCl solution will have higher boiling point than NaCl solution B. Both the solutions have same boiling C. KCl and NaCl solution possess same vapour pressure D. KCl solution possess same freezing point at NaCl solution
10	Chemical composition of colemanite is:	A. $\text{Ca}_2\text{B}_6\text{O}_{11} \cdot 5\text{H}_2\text{O}$ B. $\text{CaB}_4\text{O}_7 \cdot 4\text{H}_2\text{O}$ C. $\text{Na}_2\text{B}_7\text{O}_{17} \cdot 4\text{H}_2\text{O}$ D. $\text{CaNaB}_5\text{O}_9 \cdot 8\text{H}_2\text{O}$
11	Aromatic compounds burn with sooty flame cause:	A. They have high percentage of hydrogen B. They have ring structure C. They have high percentage of carbon D. They resist reaction with air
12	Any substance in the environment which adversely affects the human health and natural functioning of the Ecosystem is known as	A. Environment B. Hydrosphere C. Pollutant D. Biosphere
13		A. 2-bromonitrobenzene B. 2-nitrobromobenzene C. 1-bromonitrobenzene D. 1-nitrobromobenzene
14	The general formula of alkane is	A. $\text{C}_n\text{H}_{2n+2}$ B. C_nH_{n+2} C. C_nH_{2n} D. $\text{C}_2\text{H}_{2n-1}$
15	In the earth crust sodium is	A. 2.50% B. 2.30% C. 2.40% D. 2.60%

		D. 3.50%
16	The hydroxyl derivatives of aromatic hydrocarbons which have the -OH group directly bonded to the ring C-atom are called	A. Alcohols B. Ketones C. Esters D. Phenols
17	Which woody raw material is used for the manufacture of paper pulp	A. Cotton B. Bagasse C. Poplar D. Rice straw
18	Which of the following metal exhibits more than one oxidation?	A. Na B. Mg C. Fe D. Al
19	Zn + HCl are used in	A. Clemenson reduction B. Wof kishner reduction C. Kolb's electrolysis D. Wutruz reaction
20	The number of atoms or molecules whose concentrations determine the rate of the reaction is called	A. Molecularity B. Order C. Rate of reaction D. Rate constant