

## ECAT Chemistry MCQ's Test For Full Book

Sr	Questions	Answers Choice
1	Which group elements are the least metallic in nature?	A. IV-A B. V-A C. VI-A D. VII-A
2	The other name for distribution law is	A. Dispersive law B. Partition law C. Avogadro's law D. separation law
3	Caustic soda is obtained by electrolysis of conc. aqueous solution of NaCl in a cell called	A. Daniell's cell B. Nelson's cell C. Down's cell D. Voltaic cell
4	Which three elements are needed for the healthy growth of plants	A. N, S, P B. N, Ca, P C. N, P, K D. N, K, C
5	In the modern long form of the periodic table elements are arranged in the increasing order of	A. Atomic mass B. Atomic number C. Mass number D. Isotopic number
6	Which one of the following substances is used to decolourizing agent	A. Abestos B. Animal charcoal C. conc. H <sub>2</sub> SO <sub>4</sub> D. Silica gel
7	The development of disagreeable odour in fats or oil is called	A. Fragrance B. Perfume C. Rancidity D. Smell
8	Primary and secondary alcohols on action of red hot copper give	A. Aldehydes and ketones respectively B. ketones and aldehydes respectively C. Only aldehydes D. Only ketones
9	Two elements whose electronegativities are 1.2 and 3.0, the formed between them would be	A. Ionic B. Covalent C. Coordinate D. Metallic
10	$N_2 + 3H_2 \rightleftharpoons 2NH_3 + \text{Heat}$ for above equation, the maximum product will be obtained at :	A. Low temperature at high pressure. B. High temperature and low pressure. C. High temperature and high pressure. D. Low temperature at low pressure.
11	Which reagent will distinguish a ketone from an aldehyde	A. Br <sub>2</sub> B. 2, 4-dinitrophenylhydrazine C. NaBH <sub>4</sub> D. Tollen's reagent
12	Cracking products are :	A. Only alkanes B. Only alkenes C. Alkanes and alkenes D. Alkynes
13	Molecule of halogens exist as	A. Monatomic B. Diatomic C. Triatomic D. Polyatomic
14	The shape of ClO <sub>3</sub> <sup>-</sup> according to valence shell electron pair repulsion theory will be	A. Planar triangle B. Pyramidal C. Tetrahedral D. Square planar
15	Question Image	A. High temperature and low pressure B. Low temperature and high pressure C. Low temperature and low pressure

		D. High temperature and high pressure
16	Which of the following elements should be the least metallic in character	A. Rb B. In C. Te D. I
17	Which of the following compounds does not react with $\text{NaHSO}_3$ ?	A. $\text{C}_6\text{H}_5\text{CHO}$ B. Acetophenone C. Acetone D. Acetaldehyde
18	Which of the following factors does not influence the rate of reaction	A. Concentration of the reaction B. Nature of the reactants C. Molecularity of the reaction D. Temperature
19	Potassium ferrocyanide is a	A. Mixed salt B. Double salt C. Complex salt D. Normal salt
20	The oxides of beryllium are	A. acidic B. basic C. amphoteric D. none of these