

## ECAT Chemistry MCQ's Test For Full Book

Sr	Questions	Answers Choice
1	Aromatic aldehydes undergo disproportionation in presence of sodium or potassium hydroxide to give corresponding alcohol and acid. The reaction is known as	A. Wurtz reaction B. Cannizzaro reaction C. Friedel Craft reaction D. Claisen reaction
2	If the value of azimuthal quantum number is 3, then values of m the magnetic quantum no. will be	A. 0, 1, 2, 3 B. +3, +2, +1, -1, -2, -3 C. 0, -1, -2, -3 D. -3, 0, +3
3	5-d series is in the period :	A. 4th B. 5th C. 6th D. 7th
4	A white precipitate of silver chloride immediately formed on addition of :	A. Silver nitrate solution to sodium chloride solution. B. Silver chloride solution to sodium nitrate solution. C. Silver nitrate solution to potassium chloride solution D. Silver nitrate solution to hydrogen chloride solution.
5	Enzymes are catalysts which contain other than carbon and hydrogen one other element	A. Oxygen B. Sulphur C. Phosphorus D. Iodine
6	Lattice energy of NaCl	A. +5000 KJ B. -344 KJ C. -776 KJ D. -411 KJ
7	Which of the following is not a colligative property?	A. Depression in freezing point B. Elevation of boiling point C. Osmotic pressure D. Modification of refractive index
8	Which of the following is obtained by condensation polymerization?	A. Polyethylene B. Teflon C. Phenol formaldehyde resin D. Nitrile rubber
9	Ozone hole refers to	A. Hole in ozone layers B. Reduction in thickness of ozone layer in stratosphere C. Reduction of thickness of ozone in troposphere D. Increase concentration of ozone
10	When electrically is passed through molten $Al_2O_3 + Na_3AlF_6$ and 13.5 gms of Al are deposited, the number of farady must be	A. 0.5 B. 1.0 C. 1.5 D. 2.0
11	Tetrabromoethane on treatment with alcoholic zinc gives	A. Ethylbromide B. Ethane C. Ethene D. Ethyne
12	Which is not the condition for the formation of smog	A. There must be sufficient NO gas B. There must be sunlight to help photo chemical reaction to take place C. Air must be blowing swiftly D. There must be $SO_2$ in the air
13	A chemical reaction equilibrium is said to have been established when :	A. Rate of opposing reactions are equal. B. Rate constants of opposing reactions are equal. C. Opposing reactions stop. D. Concentration of reactants and products are equal

14	The product of addition polymerization reaction is	A. PVC B. Nylon C. Terylene D. Polyamide
15	Ethylene can be prepared in the laboratory by heating together ethyl alcohol and	A. HCl B. Phenol C. HF D. $\text{H}_2\text{SO}_4$
16	The open chain compounds are also called	A. Aliphatic B. Alicyclic C. Aromatic D. Both a and b
17	A reaction in which heat is given out is	A. An endothermic reaction B. An exothermic reaction C. A thermochemical reaction D. An energetic reaction
18	The apex angle of the folded filter paper is slightly greater than :	A. $60^\circ$ B. $30^\circ$ C. $45^\circ$ D. $90^\circ$
19	Question Image	A. 154 pm B. 133 pm C. 120 pm D. 150 pm
20	Electron affinity depends on	A. Atomic size B. Nuclear charge C. Atomic number D. Atomic size and nuclear charge both