

## ECAT Chemistry MCQ's Test For Full Book

Sr	Questions	Answers Choice
1	Which are metalloid?	A. Nitrogen and phosphorous B. Arsenic and phosphorous antimony C. Phosphorous and arsenic D. Antimony and bismuth
2	The acids obtained by the hydrolysis of fats and oils are called	A. Active compound B. Fatty acids C. Functional group D. None
3	Aldehyde and small methyl ketones form crystalline _____ pts with saturated sodium bisulphate solution	A. White B. Red C. Yellow D. None of these
4	The number of isotopes of gold is	A. 3 B. 1 C. 2 D. 4
5	Which property is not present in lipids?	A. Liquid B. Solid or semi solid C. Soluble in water D. Form emulsion
6	The less reactivity of transition metal is due to	A. High heats of sublimation B. High ionization energies C. Low heats of salvation D. All these
7	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
8	Dobereiner gave his law in the year:	A. 1829 B. 1864 C. 1871 D. 1931
9	Solubility of $\text{KMnO}_4$ at higher temperature is:	A. 5% B. 7% C. 15% D. 25%
10	Milk of lime is	A. $\text{MgO}$ B. $\text{CaO}$ C. $\text{Ca(OH)}_2$ D. $\text{Mg(OH)}_2$
11	How much of $\text{NaOH}$ is required to neutralize $1500 \text{ cm}^3$ of $0.1 \text{ N HCl}$ ?	A. 60 g B. 6 g C. 4 g D. 40 g
12	During nitration of benzene. the active nitrating agent is	A. $\text{NO}_3^{+}$ B. $\text{NO}_2^{+}$ C. $\text{NO}_2^{+}$ D. $\text{HNO}_3$
13	The ionization constant of an acid is expressed in term of the following constant	A. $K_w$ B. $K_n$ C. $K_a$ D. $K_b$
14	The rate of reaction :	A. Decreases as the reaction proceeds B. Increases as the reaction proceeds C. May decrease or increase reaction proceeds D. Remains same as the reaction proceeds

15	A substance which increases the rate of a reaction without being consumed during the reaction is called	A. An autocatalyst B. A catalyst C. A negative catalyst D. All of these
16	The compound which gives oxygen on moderate heating is	A. Zinc oxide B. Mercuric oxide C. Aluminium oxide D. Ferric oxide
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	Williamson's synthesis is used to prepare	A. Diethylether B. Phenolphthalein C. Hydrogenation D. Bakelite
19	The number of coulombs required for the deposition of 107.870 g of silver is	A. 96500 B. 48250 C. 193000 D. 10000
20	Dow's process is used for the preparation of	A. Ester B. Ethers C. Alcohols D. Phenols