

## ECAT Chemistry MCQ's Test For Full Book

Sr	Questions	Answers Choice
1	The relation between $K_c$ and $K_p$ is	
2	What will be the weight of deposited silver on passing 965 coulombs of electricity in solution of $AgNO_3$ ?	A. 1.08 g B. 2.16 g C. 0.54 g D. 0.27 g
3	n-butane and iso butane are an example of	A. Chain isomerism B. Positional isomerism C. Meta merism D. Functional group isomerism
4	The example of a photo chemical reaction is photosynthesis has order of reaction :	A. 1 B. 2 C. 0 D. 3
5	Which of the following equations represents the action of heat on $NaHCO_3$	
6	The electron releasing effect of methyl group is significant and it makes ring a good	A. Electrophilic B. Nucleophilic C. Nucleophobic D. Hydrophobic
7	Which of the following is an electrophile	A. Bromine B. $KBr$ C. $NH_3$ D. Benzene
8		A. It decolourises aqueous bromine rapidly B. It is insoluble in water C. It reduces Fehling's reagent D. Two molecules react with each other in the presence of a strong acid
9	Which of the following compounds on oxidation gives benzoic acid?	A. Chlorophenol B. Chlorotoluene C. Chlorobenzene D. Benzyl chloride
10	Aldehydes are reduced to :	A. Pri-alcohol B. Sec-alcohol C. Ter-alcohol D. All of these
11	Which of the following elements is/are not liquid at $30^\circ C$ ?	A. Ga B. Hg C. Ge D. Cs
12	Which compound is more soluble in water	A. $C_2H_5OH$ B. $C_6H_5OH$ C. $CH_3OCH_3$ D. n-hexanol
13	The method used only for the production of symmetrical alkanes	A. Kolb's method B. Clemmensen C. Cannizzaro D. Wolf kishner
14	B-atom in $BF_3$ has	A. $sp^3$ hybridization B. $sp^2$ hybridization C. sp hybridization D. no hybridization
15	Lactic acid on oxidation by alkaline potassium permanganate gives	A. Tartaric acid B. Pyruvic acid C. Cinnamic acid D. Propionic acid
16	Which of the following species is paramagnetic?	A. $CO_2$ B. NO C. $O_2$

D. CN

17 The cement plants in west Pakistan at the time of creation were:

- A. Ten
- B. Twenty
- C. Four
- D. Twenty four

18 Substitution of halogen in the benzene ring requires catalyst

- A.  $\text{AlCl}_3$
- B.  $\text{FeCl}_3$
- C.  $\text{SiO}_2$
- D. Organo - nickel

19 An organic compound will decolorise dill acidified (aq)  $\text{KMnO}_4$  on warming, but will not decolorise bromine water. What is the compound

- A.  $\text{KMnO}_4$
- B. Ethanol
- C. Ethane
- D.  $\text{CH}_3\text{CH}_2\text{Cl}$

20 When methane reacts with  $\text{Cl}_2$  in the presence of diffused light the products obtained are?

- A. Chloroform only
- B. Carbon tetrachloride only
- C. Chloromethane and dichloromethane
- D. Mixture of a,b,c