

## ECAT Chemistry MCQ's Test For Full Book

Sr	Questions	Answers Choice
1	C <sub>6</sub> H <sub>6</sub> Cl <sub>6</sub> can be obtained from	A. HCl and Benzene B. Cl <sub>2</sub> and Benzene and AlCl <sub>3</sub> C. Cl <sub>2</sub> and Benzene in diffused light D. NaOCl and Benzene
2	Hydrides are:	A. Ionic B. Covalent C. Intermediate D. All above
3	If we remove one hydrogen atom from an alkane we obtain a group called	A. Acetyle group B. Formyle group C. Alkyle group D. Ketyle group
4	Alkaline earth metals posses two electrons in their outermost	A. F-orbital B. D-orbital C. S-orbital D. P-orbital
5	Normal by product of cracking is	A. Ethane B. Butane C. Benzene D. All of them
6	Ethyl alcohol may be identified by	A. Ring test B. lodoform test C. Tollen's test D. Bazeyer's test
7	The experimental relationship between a reaction rate and the concentration of reactants is known as	A. Order B. Molecularity C. Rate constant D. Rate law
8	Question Image	A. Total pressure B. Amount of A <sub>2</sub> and B <sub>2</sub> C. Temperature D. Catalyst
9	Which of the following gases is used for illuminating purpose?	A. Methane B. Ethane C. Propane D. Butane
10	The percentage of which element in the organic compound is determined by the difference method	A. Carbon B. Hydrogen C. Nitrogen D. Oxygen
11	In the particular reaction for the value $K_{C\ 1\ X}$ 10 <sup>-25</sup> which statement is correct :	A. Almost forward reaction is completed. B. Amount of reactant is negligible as compared to product. C. Amount of product is negligible as compared to reactant. D. Amount of product is equal to amount of reactant.
12	The number of unpaired electrons in the p-subshell of oxygen atom	A. 1 B. 2 C. 3 D. 4
13	Preparation of ethylbenzene by the reaction of bromobenzene, ethylbromide and sodium is called	A. Wurtz reaction B. Fitting reaction C. Wurtz fitting reaction D. None of these
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15	Which of the following statement is correct.	A. Formaldehyde is used in silvering of mirror     B. Propanol and propanone behave similarly in Tollen's seagent     C. Acetone on reduction gives primary alcohols     D. Ketones gives brick red color with Fehling's solution
16	On heating glycerol with conc. Sulphuric acid a compound with unpleasant odour is obtained. The compound is	A. Methyl alcohol B. Formic acid C. Prop-2-enal D. Glycerol sulphate
17	Question Image	A. RCH(CH <sub>3</sub> )CO <sub>2</sub> + CH <sub>3</sub> OH B. RCH(CH <sub>3</sub> )CO <sub>2</sub> + HCO <sub>2</sub> H C. RCH(CH <sub>3</sub> )OH + CO <sub>2</sub> D. RCH(CH <sub>3</sub> )OH + HCO <sub>2</sub> D. RCH(CH <sub>3</sub> )OH +
18	The total number of orbitals possible for the quantum number n is	A. n B. n <sup>2</sup> C. 2n D. 2n <sup>2</sup>
19	Electrolysis is used for :	A. Manufacture of caustic soda B. Refining of copper C. Electroplating D. All of above
20	A solution of glucose is 10% The volume to which 1g mole of it dissolved will be :	A. 8.1 dm <sup>3</sup> <0:p> class="MsoNormal"><0:p> B. 1.7 dm <sup>3</sup> <0:p> C. 1.8 dm <sup>3</sup> <0:p> C. 1.8 dm <sup>3</sup> <0:p> D. 6.1 dm <sup>3</sup> <0:p> D. 6.1 dm <sup>3</sup> <0:p>