

## ECAT Chemistry MCQ's Test For Full Book

Sr	Questions	Answers Choice
1	Which on of the following compounds does not exist?	A. $\text{NCl}_5$ B. $\text{AsF}_5$ C. $\text{SbCl}_5$ D. $\text{PF}_5$
2	During the manufacturing process of cement the temperature of the decomposition zone goes up to	A. $600^\circ\text{C}$ B. $8000^\circ\text{C}$ C. $1000^\circ\text{C}$ D. $1200^\circ\text{C}$
3	The rate of reaction between two specific time intervals is called	A. Instantaneous rate B. Average rate C. Specific rate D. Ordinary rate
4	Which reagent is used to reduce a carboxylic group to an alcohol?	A. $\text{H}_2/\text{Ni}$ B. $\text{H}_2/\text{Pt}$ C. $\text{NaBH}_4$ D. $\text{LiAlH}_4$
5	$\text{C}_{18}$ and onward hydrocarbons are normally	A. Gases B. Liquids C. Solids D. Plasma
6	Silver oxide battery has a voltage of	A. 2.0 V B. 1.5 V C. 2.5 V D. 1.0 V
7	Alkyl halides can be prepared by treating halogen acids with	A. Ethane B. Ethanol C. Ethene and ethanol D. Aldehyde
8	The heat of formation of $\text{SO}_2(\text{g})$ is -70.9 Kcal. The energy required for the decomposition of 1 mole of $\text{SO}_2(\text{g})$ is	A. 35.50 Kcal B. 70.9 Kcal C. 141.8 Kcal D. -35.9 Kcal
9	Anode is the surface on which probability of finding electron is:	A. 50% B. Less than 10%. C. More than 95%. D. Zero.
10	Which of the following is not a state function	A. Pressure B. Temperature C. Enthalpy D. Amount of substance
11	Which of the following elements does not show variable oxidation states?	A. Copper B. Iron C. Zinc D. Titanium
12	The conductivity of strong electrolyte	A. Increases on dilution slightly B. Does not change on dilution C. Decreases on dilution D. Depends on density of electrolyte it self
13	Which of the following fibres are made of polyamides?	A. Dacron B. Orlon C. Nylon D. Rayon
14	Which noble gas is used in mixture used for breathing by divers?	A. $\text{Cl}_2$ B. $\text{NH}_3$ C. $\text{CO}_2$ D. He
15	Optical activity is possible in	A. Oxalic acid B. Acetic acid C. Tartaric acid D. Fumaric acid

		D. Formic acid
16	In a heterolytic bond fission reaction	A. A molecule of $\text{H}_2\text{O}$ is formed B. A molecule of $\text{H}_2\text{O}$ is eliminated C. A free radical is formed D. A positive and a negative ion is formed
17	<b>BOD</b> is the oxygen demand with in days(s):	A. Four B. Two C. Three D. Five
18	Which is a component of macronutrient?	A. Zn B. N C. Mo D. Cl
19	For every reaction occurring in the body there is at least one type of	A. Enzyme B. Vitamin C. Protein D. Amino acid
20	How many are the zones through which the charge passes in a rotary kiln?	A. 4 B. 3 C. 2 D. 5