

## ECAT Chemistry MCQ's Test For Full Book

Sr	Questions	Answers Choice
1	Which of the following is fully fluorinated polymer?	A. Neoprene B. Teflon C. Thiokol D. PVC
2	The optimum conditions of temperature and pressure to get maximum NH3form N2and H2gases is	A. 2000°C and 10 atmosphere B. 0°C and 1 atmosphere C. 400°C and 200-300 atmosphere D. 200°C and 100 atmosphere
3	Sodium belongs to block of periodic table:	A. S-Block B. p- block C. d- block D. f- bloci
4	Sometimes a yellow turbidity appears while passing $H_2S$ gas even in the absence of $II$ group radicals. This is because	A. Sulphur is present in the mixture as impurity B. IV group radicals are precipitated as sulphides C. Of the oxidation of H <sub>2</sub> S gas by some acid radicals D. III group radicals are precipitated as hydroxides
5	Closed chain compound can be classified into	A. Homocyclic B. Hetrocyclic C. Aliphatic D. Both a and b
6	Bleaching powder is agent:	A. Dehydrating B. Oxidazing C. reducing D. all
7	Subsidiary quantum number specifies	A. size of orbital B. shape of orbital C. orientations of orbitals D. Nuclear stability
8	When copper is allowed to react with HNO <sub>3</sub> , the reaction is slow in the beginning, finally becomes very fast. It is due to the formation of an auto catalyst which is	A. Cu(NO <sub>3</sub> ) <sub>2</sub> B. CuO C. O <sub>2</sub> D. HNO <sub>2</sub>
9	The chemical formula of Trona is	A. KCI . MgCl <sub>2</sub> . 6H <sub>2</sub> O B. Na <sub>2</sub> CO <sub>3</sub> . 2NaHCO <sub>3</sub> . C. Na <sub>2</sub> CO <sub>3</sub> . H <sub>2</sub> O D. KCI
10	A special application of the Hess's law to binary ionic compounds of M <sup>+</sup> X'type in calculation of their lattice energies is	A. Enthalpy of reaction     B. Born-haber cycle     C. First law of thermodynamics     D. Enthalpy of combustion
11	Alkanes are soluble in all except	A. Benzene B. Ether C. Water D. Carbon tetra chloride
12	Out of 110 known elements, transition elements are	A. 40 B. 60 C. 50 D. 80
13	Used in tooth pastes is	A. Fluorides B. lodides C. halides D. nitrides
14	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
		A. Ammonium nitrate

15	Which of the following fertilizers is useful for paddy rice	B. Ammonium sulphate C. Urea D. Ammonium chloride
16	Purines include	A. Adenine B. Guanine C. Both a and b D. None
17	Astatine belongs to group	A. I-A B. II-A C. III-A D. VII-A
18	Which of the following compounds will not react with sodium metal to release hydrogen	A. CH <sub>3</sub> CH <sub>2</sub> CH <sub>3</sub> B. CH <sub>3</sub> CH <sub>2</sub> OH C. C <sub>6</sub> H <sub>5</sub> OH D. C <sub>6</sub> H <sub>5</sub> CH <sub>CH<sub>OH</sub></sub>
19	As compared to molar solution, in the molal solution the quantity of solvent is :	A. Comparatively lesser B. More or less equal C. Comparatively greater D. Very large
20	The structure of benzene is	A. Hexagonal B. Pyramidal C. Square planer D. Tetrahedral