

## ECAT Chemistry MCQ's Test For Full Book

Sr	Questions	Answers Choice
1	Kolb's method is not useful for the production of	A. Methane B. Ethane C. Propane D. Butane
2	At sea level and at 100°C the vapor pressure of water in an open system is:	A. 1000 mm Hg B. 760 mm Hg C. 730 mm Hg D. 670 mm Hg
3	The substance added in the paints for improving the mechanical properties is called	A. Pigment B. Filter C. Stabilizer D. Binder
4	The most reactive elements are:	A. Group IV-A B. Group V-A C. Group VI-A D. Group VII -A
5	Question Image <input type="text"/>	A. Rate = $k[\text{FeCl}_3]^2[\text{KI}]$ B. Rate = $k[\text{Fe}^{+3}][\text{Cl}^{-1}][\text{KI}]$ C. Rate = $k[\text{Fe}^{+3}][\text{Cl}^{-1}][\text{K}_2]$ D. Rate = $k[\text{K}]^3[\text{FeCl}_3]^\circ$
6	In t-butyl alcohol, the tertiary carbon is bonded to:	A. Two hydrogen atom B. Three hydrogen atoms C. One hydrogen atoms D. No hydrogen atoms
7	Iodoform test is given by:	A. Formaldehyde and Higher ketones B. Formaldehyde C. Acetaldehyde and methyl ketones D. Acetaldehyde
8	Which of the following statements is incorrect about vitamins	A. Often function as coenzymes B. Molecules contain at least one ring structure C. Are often synthesized by the body D. Are polyfunctional compounds
9	Which can be used for dehydration of alcohol	A. $\text{P}_4\text{O}_{10}$ B. $\text{H}_2\text{SO}_4$ C. $\text{H}_3\text{PO}_4$ D. All of them
10	Which of the following is a transition element	A. Sr B. Sn C. Cr D. Pb
11	Sodium is never found free in nature because of its	A. Chemical reactivity B. Small ionic size C. Small atomic volume D. None of these
12	Which salt is used for preserving food	A. $\text{BaCl}_2$ B. $\text{CaCl}_2$ C. NaCl D. $\text{Na}_2\text{SO}_4$
13	Which of the following represents elements in order of increasing atomic size?	A. I, Br, Cl B. Na, Mg, C C. C, N, O D. Li, Na, K
14	The organic compounds which are derivative of hydrocarbons of oxygen are:	A. Carbohydrates B. Phenols C. Alcohals D. All of these

15	A standard hydrogen electrode (S.H.E) consists of a platinized platinum electrode dipped in 1 molar solution of $H^+$ ions and hydrogen gas is passed at a pressure of	A. One pascal B. One kilo pascal C. One atmosphere D. Ten atmosphere
16	What is going to replace the petroleum?	A. Silica B. Silicates C. Silicones D. Silicon
17	UV radiations bring about	A. Skin cancer B. Mouth cancer C. Lung cancer D. Liver cancer
18	The fibre which is obtained from naturally occurring proteins is called	A. Saran B. Azlon C. Rayon D. Nylon
19	With amino acids ninhydrin solution gives	A. Blue B. Violet C. Bluish violet D. White
20	Bakelite is a product formed from	A. Reaction of formaldehyde with phenol B. Reaction of polyethylene with phenol C. Reaction of polypropylene with acid D. It is a natural product