

## ECAT Chemistry MCQ's Test For Full Book

Sr	Questions	Answers Choice
1	Carbon monoxide is pollutant as it	A. Inactivates nerves B. Inhibits glycolysis C. Combines with oxygen D. Combines with hemoglobin
2	$(\text{CH}_2\text{O})_n$ is general formula for	A. Monosaccharides B. Oligosaccharides C. Polysaccharides D. None of these
3	The formula of esters is	
4	The wave length of visible light is 500 nm. In S.I. unit this value is	A. $5 \times 10^{-8}$ m B. $5 \times 10^{-9}$ m C. $500 \times 10^{-7}$ m D. $500 \times 10^{-9}$ m
5	Which of the atoms has $1s^2, 2s^2, 2p_x^2 2p_y^1 2p_z^1$ configuration	A. Nitrogen B. Carbon C. Fluorine D. Oxygen
6	The solubility product of AgCl is $2.0 \times 10^{-10} \text{ mol}^2 \text{ dm}^{-6}$ . The maximum concentration of $\text{Ag}^+$ ions in the solution is	A. $2.0 \times 10^{-10} \text{ mol dm}^{-3}$ B. $1.41 \times 10^{-5} \text{ mol dm}^{-3}$ C. $1.0 \times 10^{-10} \text{ mol dm}^{-3}$ D. $4.0 \times 10^{-20} \text{ mol dm}^{-3}$
7	The acid used in lead storage cells is	A. Phosphoric acid B. Nitric acid C. Sulphuric acid D. Hydrochloric acid
8	By reaction Grignard's reagent with the HCHO we get	A. 1° - alcohol B. 2° - alcohol C. 3° - alcohol D. All of these
9	Violet colour is obtained when dilute $\text{CuSO}_4$ is added in alkaline solution of protein. This test is known as	A. Biuret B. Xanthoproteic test C. Hopkins-cole D. All of these
10	Gradation in properties in the periods of periodic tables are due to change in	A. Atomic weight B. The number of electrons C. Number of protons D. Electronic configuration
11	A reaction in which heat is given out is	A. An endothermic reaction B. An exothermic reaction C. A thermochemical reaction D. An energetic reaction
12	Hydrochloric acid available in the laboratory is 36% w/w. The density of HCl solution is $1.19 \text{ g cm}^{-3}$ . The molarity of HCl solution is	A. 10.23 moles $\text{dm}^{-3}$ B. 11.55 moles $\text{dm}^{-3}$ C. 11.73 moles $\text{dm}^{-3}$ D. 12.67 moles $\text{dm}^{-3}$
13	Carbolic acid is the other name for	A. Methanol B. Ethanol C. Propanol D. Phenol
14	An organic compound A reacts with methyl magnesium iodide to form an addition product which on hydrolysis forms the compound B. Compound B gives blue colour salt in Victor Meyer's test. The compounds A and B are respectively	A. Acetaldehyde, tertiary butyl alcohol B. Acetaldehyde, ethyl alcohol C. Acetaldehyde, isopropyl alcohol D. Acetone, isopropyl alcohol
15	Rustina can be avoided by :	A. Making alloys B. Tin or Zinc plating

		C. Use of enamel D. All of these
16	1.0 g pure calcium carbonate was found to require 50 ml of dilute HCl for complete reaction. The strength of HCl solution is given by	A. 4 N B. 2 N C. 0.4 N D. 0.2 N
17	Which of the following elements should be the least metallic in character	A. Rb B. In C. Te D. I
18	A liquid on evaporation causes:	A. Heating effect. B. Cooling effect. C. Suffocation . D. All of above
19	Reaction of which with Grignard's reagent gives primary alcohol:	A. Formaldehyde B. Aldehyde C. Ketones D. Acetone
20	Chromatography is derived from Greek word 'Khromatos' means:	A. Type writing B. Printing C. Color writing D. Writing