

## ECAT Chemistry MCQ's Test For Full Book

Sr	Questions	Answers Choice
1	The specific conductance of 0.1 M NaCl solution is $1.06 \times 10^{-2} \text{ohm}^{-1} \text{mol}^{-1}$ . Its molar conductance in $\text{ohm}^{-1} \text{cm}^2 \text{mol}^{-1}$ is	A. $1.06 \times 10^{<sup>2</sup>}$ B. $1.06 \times 10^{<sup>3</sup>}$ C. $1.06 \times 10^{<sup>4</sup>}$ D. 53
2	The decrease in radius is large for:	A. Monovalent ions. B. Trivalent ions. C. Divalent ions. D. Atoms.
3	The relative lowering of vapour pressure is equal to the mole fraction of the solute, This law is called	A. Henry's law B. Raoult's law C. Ostwald's law D. Arrhenius law
4	Which is not a fossil fuel	A. Petroleum B. Coal C. Natural gas D. None of them
5	The sum of mole percent of all the components of solution is always equal to :	A. Less than 100 B. One C. 100 D. 10
6	Cement is a combination of mainly	A. calcareous B. argillaceous C. calcareous and argillaceous D. $\text{Al}^{<sub>2</sub>}\text{O}^{<sub>3</sub>}$
7	Reduction or oxidation potential of standard hydrogen electrode is :	A. 0.0 Volt B. 0.8 Volt C. 1.0 Volt D. 1.8 Volt
8	When methane reacts with $\text{Cl}_2$ in the presence of diffused light the products obtained are?	A. Chloroform only B. Carbon tetrachloride only C. Chloromethane and dichloromethane D. Mixture of a,b,c
9	Aqueous solution of glucose $\text{C}_6\text{H}_{12}\text{O}_6$ , boils at $100.052^\circ\text{C}$ . The solution contains	A. 180 grams glucose in 1 kg water B. 18 grams glucose in 1 kg water C. 1.8 grams glucose in 1 kg water D. 3.6 grams glucose in 1 kg
10	Reaction of acids with alcohols is also known as	A. Esterification B. Saponification C. Alkalization D. None
11	Which of the following polymers is used for weather resistant paints	A. Arcylic resins B. Polyvinyl acetate C. Polystyrene D. PVC
12	The 95.5% mass of Lithosphere is made of 11 elements i.e. O <sub>2</sub> , Si, Al, Fe, Ca, Na, K, Mg, Ti, H <sub>2</sub> and P. which element is present in trace amount	A. Iodine B. Bromine C. Lead D. Carbon
13	Question Image 	A. Increases B. Decreases C. Remains same D. Cannot be predicted
14	The compounds or species in search of electrons are called	A. Electrophiles B. Nucleophile C. Nitrites D. Bases
15	Balmer's series is in _____ region	A. Visible B. U V C. I. R. D. ..

		D. None
16	The M.P. of carboxylic acids containing even number of carbon atoms is _____ than the next	A. Higher B. Low C. Equal D. None
17	BOD is	A. Biological oxygen deficit B. Biosphere oxygen demand C. Biological oxygen demand D. None of the above
18	The function of salt bridge in the galvanic or voltaic cell is to	A. Carry out oxidation at anode B. To carry out reduction at cathode C. Carry out electrolysis D. To prevent the net charge accumulation in either of the half cells
19	If the ionic product of a solution is less than the solubility product, the solution is	A. Supersaturated B. Unsaturated C. Ideal D. Saturated
20	Which is a protein?	A. Nylon B. Rayon C. Natural silk D. Terylene