

## ECAT Chemistry MCQ's Test For Full Book

Sr	Questions	Answers Choice
1	Compared to a 1.0M aqueous solution of calcium chloride will have	A. The same freezing and boiling point B. A lower freezing point and lower boiling point C. A lower freezing point and higher boiling point D. A higher freezing point and higher boiling point
2	Burning of coal and hydrocarbon in air are examples of :	A. Non-spontaneous reaction. B. Spontaneous reaction. C. Natural reaction D. Both (a) and (C)
3	A standard hydrogen electrode is used as standard electrode of which electrode potential is arbitrarily taken as	A. +1 B. -1 C. 0.1 D. Zero
4	Nitrogen is present in atmosphere	A. 21% B. 36% C. 89% D. 78%
5	The oxidation number of each element of group I-A is	A. 0 B. +1 C. +2 D. -1
6	Soil remediation means	A. To make it suitable for cultivation of crops B. To make it acidic C. To make it alkaline D. To add manure into it
7	The percentage of nitrogen in ammonia is	A. 80% B. 82% C. 90% D. 50%
8	Isopropyl alcohol on oxidation forms	A. Acetone B. Ether C. Ethylene D. Acetaldehyde
9	Newland said, every eight element repeats properties of element:	A. 1st B. 2nd C. 3rd D. 4th
10	Freezing point depression is measured by	A. Beckmann's apparatus B. Lands Berger's method C. Antifreeze apparatus D. All of the above
11	Question Image	
12	Hydrolysis of protein by 6M HCl gives peptides and then $\alpha$ -amino acids. How many $\alpha$ -amino acids molecules are obtained on the hydrolysis of a tetrapeptide	A. 2 B. 3 C. 4 D. 5
13	Sodium thiosulphate is used in photography because of its	A. Oxidizing behaviour B. Reducing behaviour C. Complexing behaviour D. Photochemical behaviour
14	Generally the bond formed by metals with non-metals is	A. Ionic B. Covalent C. Polar D. Non-polar
15	When a piece of zinc is added to the copper sulphate solution, _____ colour of solution disappear	A. Pink B. Purple C. Blue

		D. Brown
16	Which of the following posses linear geometry	A. Alkane B. Alkene C. Alkyne D. Benzene
17	Group VI-B of transition elements contains:	A. Zn, Cd, Hg B. Fe ,Ru ,Os C. Cr, Mo ,W D. Mn, Te, Re
18	A smuggler could not carry gold by chemically depositing iron on the gold surface since	A. Gold is denser B. Iron rusts C. Gold has higher reduction potential then iron D. Gold has lower reduction potential then iron
19	Which is used in navigational equipments?	A. B B. Be C. Mg D. Al
20	In an alkaline battery the anode, the cathode and electrolyte are respectively.	A. Manganese dioxide, Zinc, sodium hydroxide B. Zinc, Manganese dioxide, Sodium hydroxide C. Zinc, manganese dioxide, potassium hydroxide D. Manganese dioxide, zinc, potassium hydroxide