

## ECAT Chemistry MCQ's Test For Full Book

Sr	Questions	Answers Choice
1	Alkaline battery has a voltage of	A. 4.5 V B. 3.5 V C. 2.5 V D. 1.5 V
2	NaH is	A. Ionic hydride B. Complex hydride C. Covalent hydride D. Interstitial hydride
3	By comparing both initial and final states of the system, we can describe the change taking place in the	A. Surrounding B. Both a and c C. System D. None of above
4	Question Image <input type="text"/>	A. Primary alkyl halide B. Secondary alkyl halide C. Tertiary alkyl halide D. None of these
5	The oxidation states of Boron are	A. +1,+2,+3 B. -1,-2,-3 C. +1,-1 D. +3,+1
6	Mild oxidation of glycerol with $H_2O_2/FeSO_4$ gives	A. Glyceraldehyde B. Dihydroxy acetone C. Glycerose D. None
7	strength of an acid can be determined by	A. $P_{Ka}$ B. $P_{Kp}$ C. $P_{OH}$ D. $P_{Kw}$
8	Which statement is not true. A solution is a homogeneous mixture of	A. Two ionic substance like NaCl and HCl B. Two molecular substances sugar and water C. A solute and a solvent 1% $NaHCO_3$ in water D. NaCl and sand
9	Content is a combination of mainly:	A. Calcarious B. Argillaceous C. Calcarious and argillaceous D. $Al_2O_3$
10	When during electrolysis of a solution of $AgNO_3$ , 9650 coulombs of charge pass through the electroplating bath, the mass of silver deposited on the cathode will be	A. 1.08 g B. 10.8 g C. 21.6 g D. 108 g
11	Aldehydes can be distinguished from ketones by using	A. Schiff's reagent B. Conc. $H_2SO_4$ C. Anhy. $ZnCl_2$ D. Resorcinol
12	During the manufacturing process of cement the temperature of the decomposition zone goes up to	A. 600°C B. 800°C C. 1000°C D. 1200°C
13	Which one of the following is the weakest intermolecular force	A. Dipole induced dipole forces B. Ionic dipole forces C. Electrostatics forces between ions D. Dipole-dipole forces
14	The hydrocarbon used for polymerization is	A. Alkanes B. Alkenes C. Alkynes D. All of above

15	A solution of glucose in methanol in water has vapor pressure :	A. Equal that of water. B. Equal to that of methanol. C. More than that of water. D. Less than that of water.
16	Raney - nickel is the alloy of Ni with	A. Pt B. Al C. Cu D. Pd
17	A solution of two component is called	A. Binary solution B. Dilute solution C. Original solution D. Standard solution
18	Phosphorus pentoxide finds use as	A. An oxidizing agent B. A reducing agent C. A bleaching agent D. A dehydrating agent
19	Taste of lower alcohols is:	A. Sweet B. Bitter C. Sour D. Salty
20	The electrophile in aromatic sulphonation is	A. $\text{H}_2\text{SO}_4$ B. $\text{HSO}_4^-$ C. $\text{SO}_3$ D. $\text{SO}_3^+$