

ECAT Chemistry Online Test

Sr	Questions	Answers Choice
1	The open chain compounds are also called	A. Aliphatic B. Alicylic C. Aromatic D. Both a and b
2	The IA elements are called	A. Alkaline earth metal B. Alkaline metals C. The halogens D. The inert gases
3	Which of the followings is not a nulceophile	A. OH ⁻ B. NH ₃ C. C ₂ H ₅ O ⁻ D. Br ₂
4	During electrolysis, the reaction that takes place at cathode is :	A. Reduction B. Both (a) and (c) C. Oxidation D. No reaction occurs
5	is called milk of magnesia	A. NaOH B. KOH C. LiOH D. None
6	The order of dehydration of alcohol	A. 10> 20> 30 B. 10> 30> 20 C. 20> 30> 10 D. 30> 20> 10
7	From the following values of dissociation constants of four acids which value represents the strongest acid?	A. 2 x 10 ⁻² B. 0.02 x 10 ⁻¹ C. 3 x 10 ⁻⁴ D. 2 x 10 ⁻⁴
8	Two elements whose electronegativities are 1.2 and 3.0, the formed between them would be	A. lonic B. Covalent C. Coordinate D. Metallic
9	Carbolic acid is the other name for	A. Methanol B. Ethanol C. Propanol D. Phenol
10	In a group IIA from top to bottom as the atomic number increases, there is regular decreases in	A. lonic size B. Atomic size C. lonization potential D. None of these
11	17.1 grams sucrose ($C_{12}H_{22}O_{11}$) dissolved in 250 cm 3 of solution. This has molarity	A. 0.1 M B. 0.2 M C. 0.01 M D. 0.02 M
12	A compound used as eye wash:	A. Borax B. Boric acid C. Metabolic acid D. Pyroboric acid
13	Which of the following favours the reverse reaction in chemical equilibrium?	A. Increasing the concentration of the reactant B. Removal of the least one of the products at regular intervals C. Increasing the concentration of one or more of the products D. None of these
14	Chile saltpetre has the chemical formula	A. NaNO ₃ B. KNO ₃ C. Na ₂ B ₄ O ₇ D. Na ₂ CO ₃ H ₂ O
15	Tripple hand is present in	A. O ₂ B. H ₂

	Trippio pona la procent in	C. N ₂ D. Cl ₂
16	Coupling of Pb with its Pb++/Pb = -0.13 V and Ag with Ag+/ Ag = +0.80 V, the cell reaction	
17	Activity of the enzyme is reduced by	A. Temperature B. Concentration C. pH D. Inhibitors
18	The reaction of an alkyl halide with RCOOAg produces	A. Ester B. Ether C. Aldehyde D. Ketone
19	Which statement is true about a free radical	A. An atom with a positive charge B. An atom with a negative charge C. An atom with a lone pair of electrons D. An atom with unpaired electron
20	Solvent extraction is an unstable, Process and it is called by:	A. The amount of solute B. Distribution law C. The amount of solvent used D. Law of mass action