ECAT Chemistry MCQ's Test For Full Book

Sr	Questions	Answers Choice
1	Major component in cement is	A. SiO₂ B. Lime C. Al₂O₃ D. MgO
2	In macromolecules DP stands for	A. Dissociation parameter B. Dissociation polymer C. Degree of polymerization D. None of these
3	A sequence of how many nucleotides in massenger RNA makes a codon for an amino acid	A. Three B. Four C. One D. Two
4	The temp. used for the hydrogenation of alkenes using Ni is	A. 2000°C B. 400°C C. 200-- 300°C D. 1000°C
5	Vinegar made form cane sugar, now a days synthetically contains	A. Citric acid B. Lactic acid C. Acetic acid D. Palmitic acid
6	The cathodic reaction in the electrolysis of dill $H_2SO_4$with Pt electrodes	A. Reduction B. Oxidation C. Both oxidation and reduction D. neither oxidation or reduction
7	The fourth period contains elements	A. 8 B. 16 C. 18 D. 32
8	DNA is a polynucleic acid. The monomer is known as a nucleotide. What is not the component of the nucleoptide	A. Phosphate group B. Deoxy ribose sugar C. Uracil base D. Adenine base
9	$N_2O_4 \rightleftharpoons 2NO_2$ For the above reaction, which of the Following expression of K_c correct :	A. <o:p></o:p> Kc = [N₂O₄]/[NO₂]²<o:p></o:p> B. Kc = [N₂O₄]/ [NO₂]<o:p></o:p> C. Kc = [N₂O]²/[N₂O₄]<o:p></o:p> D. Kc = [N₂O₄]/[N O₂]<o:p></o:p>
10	Which is used for the reduction of aldehydes and ketones	A. NaBH₄ B. Pt/Pd C. Ni D. All of these
11	Ionization is the process in which ionic compounds when fused or dissolved in water split up into charged particles called :	A. Atoms. B. Electrons. C. Protons . D. Ions
12	Question Image	A. 32 B. 64 C. 16 D. 4
13	Sterols, vitamin D and terpenese belong to	A. Simple lipids B. Complex lipids C. Derived lipids D. None

14	An excess of aqueous silver nitrate is added to aqueous barium chloride and precipitate is removed by filtration. What are the main ion in filtrate?	A. Ag⁺ and NO₃₋ only<o:p></o:p> B. Ag⁺ and Ba² and NO⁻³<o:p></o:p> C. Ba² and NO⁻³<o:p></o:p> D. Ba² and NO⁻³and Cl-<o:p> </o:p>
15	The percentage of methane in natural gas is	A. 50% B. 60% C. 85% D. 90%
16	Oxidation state of an element in free state is:	A. Its numebr of elemtrons lost B. Its number of electrons gained C. zero D. Its number of electrons shared
17	The reduction potential to copper electrode is +0.34 V and that of Zn electrode is -0.76 V. when these two are coupled the e.m.f. of the cell is	A. -0.42 V B. +0.42 C. -1.10 V D. +1.10 V
18	Kekule structures contributed towards actual structure of benzene	A. 60% B. 70% C. 80% D. 90%
19	Question Image	A. Alkyl B. Alkyl nitrile C. Cyanogens D. Amine
20	The temp. and pressure used for PVC polymerization is	A. 10°C and 10 atm B. 20°C and 20 atm C. 52°C and 9 atm D. 100°C and 10 atm