

ECAT Chemistry MCQ's Test For Full Book

Sr	Questions	Answers Choice
1	The sample being analyzed is called	A. Electrolyte B. Substance C. Analyte D. All of above
2	0.1 molar glucose ($C_6H_{12}O_6$) solution has the % W/N	A. 1.8% B. 18% C. 0.18% D. 2.8%
3	Transition elements are called so because:	A. Form interstitial compounds B. have high m.p C. In between 's' and 'p' block elements D. All of these
4	The monomeric units of starch is/are	A. Glucose B. Fructose C. Glucose and fructose D. Mannose
5	Which of the following statements is incorrect about vitamins	A. Often function as coenzymes B. Molecules contain at least one ring structure C. Are often synthesized by the body D. Are polyfunctional compounds
6	The oxyacids of phosphorus in which phosphorus has the lowest oxidation state is	A. Hypophosphorus acid B. Orthophosphorus acid C. Pyrophosphorus acid D. Metaphosphorus acid
7	Hybridized in carbon is:	A. sp B. sp^2 C. sp^3 D. d^2sp
8	Which of the following compounds will react with Tollen's reagent	
9	What is the total number of different chloroethanes, formula $C_2H_{6-n}Cl_n$, where n can be any integer from 1 to 4	A. 4 B. 6 C. 7 D. 8
10	With the progressive of the reaction the slope of the curve between concentration of product and time	A. Gradually becomes more steep B. Gradually becomes less steep C. No change occurs in slope D. None of these occurs
11	During the preparation of alkanes the hydrogenation of alkenes or alkynes the catalyst may be	A. H_2SO_4 B. Ni C. Fe_2O_3 D. Al_2O_3
12	$[Cu(NH_3)_4]^{+2}$ will form _____ structure	A. Square planar B. Tetrahedral C. Octahedral D. Trigonal bipyramidal
13	Glyptal polymer is obtained from glycerol on reacting with	A. Malonic acid B. Phthalic acid C. Maleic acid D. Acetic acid
14	Tungsten and Uranium are turned to an reaction with HNO_3 :	A. Oxides B. chlorides C. Nitrides D. Nitrates
15	The most stable phosphorus allotrope is	A. White B. Red C. Black D. All

16	The human body can synthesize _____ amino acids	A. 1 B. 10 C. 20 D. 19
17	Coal heated in the absence of air of about 500 - 1000°C is converted to	A. Coke B. Coal gas C. Coal tar D. All above
18	Which element of group IV-A does not use d — orbital?	A. N B. P C. As D. Sb
19	Glutamic acid, aspartic acid are _____ amino acid	A. Acidic B. Basic C. Neutral D. None of these
20	Basicity of orthophosphoric acid is	A. 2 B. 3 C. 4 D. 5