ECAT Chemistry MCQ's Test For Full Book

Sr	Questions	Answers Choice
1	Which one of the following step is not involved in determination of empirical formula	A. Determination % of each element B. Determination of gram atom of each element C. Determination of isotopes of each element D. Determination of atomic ratio of element
2	Nitrogen is present in atmosphere by weight	A. 75% B. 76% C. 77% D. 78%
3	Polycyolic aromatic hydrocarbons are taught to be	A. Disinfectant B. Carcinogenic C. Helpful D. Reactive
4	H_2S is a gas while H_2O is a liquid at room temperature. It is due to:	A. Less inter-molecular forces in water. B. Covalent bonding H-O in water molecule. C. Hydrogen bonding in water molecules D. Ionic character in water molecules
5	Carbon monoxide is harmful to human beings as it	A. Is carcinogenic B. Is antagonistic to CO_2 C. Has higher affinity for hemoglobin as compared to oxygen D. Is destructive to O_3
6	The geometry of acetylene is	A. Angular B. Bent C. Trigonal D. Linear
7	Which has the least oxidizing power?	A. F_2 B. Cl_2 C. Br_2 D. I_2
8	Which fills the space between needles in cement setting?	A. $Ca(OH)_2$ B. $Al(OH)_3$ C. $CaCO_3$ D. $MgSO_4$
9	If an endothermic reaction is allowed to take place very rapidly in the air, the temperature of the surrounding air:	A. Remains constant. B. Increase. C. Decreases. D. Remain unchanged.
10	The reaction of alcohol with $SOCl_2$ in the presence of pyridine as catalyst gives	A. Acids B. Acid chloride C. Alkyl halide D. Benzene
11	0.1 MHCI has pH = 1.0, it is about 100 times stronger than acetic acid. Then pH of acetic acid will be	A. 0.1 B. 2.0 C. 1.3 D. 3.0
12	If the value of principal quantum number is 3. the total possible values for magnetic quantum number will be	A. 1 B. 4 C. 9 D. 12
13	Content of carbon in steel is:	A. 0.12 to 0.25% B. 0.25% to 2.5% C. 3.0 to 3.5% D. 4.0 to 4.5%
14	In a reversible reaction, two substances are in equilibrium. If the concentration of each one is reduced to half. the equilibrium constant will be	A. Reduced to half of its original value B. Doubled C. Same D.

		D. Reduced to one fourth its original value
15	For which mechanisms, the first step involved is the same:	A. E_1 and E_2 B. E_2 and SN_2 C. E_2 and E_1 D. E1 and SN_1
16	The relative lowering of vapour pressure is equal to the mole fraction of the solute is statement of	A. Rault law B. Henry law C. Dalton law D. Grahms law
17	The destructive distillation of coal gives three products. What is not the product of destructive distillation of coal	A. Coal gas B. Carbon dioxide C. Coal tar D. Coke
18	Question Image	A. 0 1 B. 0 2 C. 1 1 D. 1 2
19	One of the environmental problem is the formation of oil slicks when oil is spilled from tankers in sea water. Which treatment is suitable to remove oil slicks	A. Blow air B. Add Na_2CO_3 C. Use a specially made sorbent having flouring trapped in it D. Use a sorbent having Al_2O_3 trapped in it
20	When fused PbBr2 is electrolyzed :	A. Lead appears at anode. B. Lead appears at cathode. C. Bromine appears at cathode. D. Lead appears at both electrodes.