ECAT Chemistry MCQ's Test For Full Book

Sr	Questions	Answers Choice
1	Which of the following gases is used for illuminating purpose?	A. Methane B. Ethane C. Propane D. Butane
2	α-Amino acids are found in protein. Which of the following is anα-amino acid	
3	Noble gases in the atmosphere are	A. 4% B. 3% C. 2% D. 1%
4	Benzene gives reactions generally:	A. Electropholic subsitution B. addition C. synthesis D. addition and electropholic subsitution
5	Coordination number of Pt in [PtCl (NO^{2}) (NH^{3})^{4}]$^{2-}$	A. 2⁻ B. 4 C. 1 D. 6
6	Question Image	A. Reaction occurs at STP B. Reaction is exothermic C. Reaction is endothermic D. Number of moles of production and reactant are same
7	Mg becomes isoelectronic with neon when it	A. Loses two electrons B. Gains two electrons C. Loses 1 electron D. Gains 1 electron
8	$C_6H_6Cl_6$can be obtained from	A. HCl and Benzene B. Cl₂and Benzene and AlCl₃ C. Cl₂and Benzene in diffused light D. NaOCl and Benzene
9	In the chemical combination of sodium and hydrogen to form NaH:	A. Hydrogen atom gains an electron. B. Sodium atom gains an electron. C. Both the atoms share the electron.
10	Aldehydes and ketones are carbonyl compounds. Which of them react both with $NaBH_4$and with Tollen's reagent	A. Both aldehydes and ketones B. Aldehydes only C. Ketones only D. Neither aldehydes nor ketones
11	The largest number of molecules are present in	A. 3.6 g of H₂O B. 4.8 g of C₂H₅OH C. 2.8 g of CO D. 5.4 g of N₂O₅
12	Which element belongs to group V-A?	A. Cs B. Ba C. Sr D. Bi
13	The open chain compounds are also called	A. Aliphatic B. Alicylic C. Aromatic D. Both a and b
14	Which of the following acid can be used as a catalyst in Friedel craft's reaction	A. AlCl³ B. HNO₃ C. BeCl₂ D. NaCl
		A. Repulsion of electrons in the same orb B. At infinity energy is zero and a

15	Energy of electron in an orbit according to Bohr theory is negative due to	B. At infinity energy is zero ad a traction towards nucleus decreases energy C. Electron has negative charge D. Product of positive nuclear charge and negative charge is negative
16	Identify the compound which has a bond angle of 109.5°	A. Ethyne B. Ethere C. Methane D. Benzene
17	The example of colligative property is	A. Boiling point B. Osmosis C. Freezing point D. Osmotic pressure
18	The filtration process is used to separate solid from:	A. Liquid B. Gas C. Solid D. All of above
19	During redox reaction an oxidizing agent	A. Gains electrons B. Is oxidized C. Loses electrons D. Hydrolysed
20	The limiting line of Blamer series in hydrogen spectrum lies in	A. Visible regions B. Ultraviolet region C. Infrared region D. x-rays region