

## ECAT Chemistry MCQ's Test For Full Book

Sr	Questions	Answers Choice
1	What is the nature of SO <sub>2</sub>	A. Basic B. Strongly acidic C. Weakly acidic D. Amphoteric
2	A peptide having molecular mass upto 10,000 is called a	A. Vitamin B. Protein C. Polypeptide D. Dipetide
3	Which woody raw material is used for the manufacture of paper pulp?	A. cotton B. Bagasse C. Poplar D. Rice straw
4	When a bond breaks	A. Heat is evolved B. Heat is absorbs C. No change in heat contents takes place D. Temperature increases
5	The Total coal resources of Pakistan are estimated to be	A. 184 billion B. 184 million tones C. 1.84 billion tonnes D. 1.84 million tonnes
6	Electronic configuration of Cu <sup>+2</sup> is	A. 4s <sup>2</sup> , 3d <sup>9</sup> B. 4s <sup>1</sup> , 3d <sup>10</sup> C. 4s <sup>0</sup> , 3d <sup>9</sup> D. None of these
7	The branch of science dealing with structure, composition and changes in matter and laws and principles which govern these changes is called as	A. chemistry B. Geology C. Physics D. Mechanics
8	Energy of electron in first orbit of H atom is	A. -45.32 KJ/mole B. -82.08 KJ/mole C. -52.53 KJ/mole D. -1313.31 KJ/mole
9	Which property is not present in lipids?	A. Liquid B. Solid or semi solid C. Soluble in water D. Form emulsion
10	Synthesis rubber is made by polymerization :	A. Chloroform B. Acetylene C. Divinyl acetylene D. Butene
11	Which of the following is NOT used as fertilizer	A. Anhydrous ammonia B. Sodium hydroxide C. Calcium nitrate D. Ammonium phosphate
12	Reaction of ethanes with KMnO <sub>4</sub> gives:	A. Ozonide B. Glyoxal C. Glycol D. Oxalic acid
13	HF has exceptionally low acidic strengths due to	A. Smaller size of fluorine B. Strong polar bond between H and F C. Electronegativity of fluorine D. Strong hydrogen bonding
14	Burning of coal and hydrocarbon in air are examples of	A. Non-spontaneous reaction B. Spontaneous reaction C. Natural reaction D. Both b and c
15	Gypsom added in cement is:	A. 1% B. 2% C. 3% D. 4%

16	Question Image	A. 154 pm B. 133 pm C. 120 pm D. 150 pm
17	Which one of the following is a product of the reaction between $\text{C}_6\text{H}_5\text{CH}_2\text{OH}$ and $\text{CH}_3\text{COCl}$	A. $\text{C}_6\text{H}_5\text{CH}_2\text{OCOCH}_3$ B. $\text{C}_6\text{H}_5\text{CH}_2\text{CH}_2\text{Cl}$ C. $\text{C}_6\text{H}_5\text{CH}_2\text{CH}_2\text{OCOCH}_3$ D. $\text{C}_6\text{H}_5\text{CH}_2\text{CH}_2\text{COCl}$
18	Which of the following phenomena will occur when two atoms of the elements having same spin of electron approach for bonding?	A. Orbital overlap will not occur B. Bonding will not occur C. Both (A) and (B) are correct D. None of the above are correct
19	Transition elements form which type of bond	A. Ionic bonds only B. Covalent bonds only C. Ionic and covalent bonds D. Polar bonds
20	Shahi Qilla may be destroyed by	A. Flood in Ravi B. Temperature mediated spoilage of marble C. Air pollutants from Lahore chemical industries D. All the above