



ECAT Chemistry MCQ's Test For Full Book

Sr	Questions	Answers Choice
1	Which of the following metals is sometimes found in native state in nature?	A. Al B. Cu C. Fe D. Mg
2	Which of the hydrogen halides has the highest percentage of character?	A. HI B. HF C. HCl D. HBr
3	Noble gases have the electronic configuration with their valence shell ns^2np^6 except one	A. He B. Ne C. Kr D. Xe
4	A gas bulb is filled with NO_2 gas and immersed in an ice bath at $0^\circ C$ which becomes colourless after sometimes. This colourless gas will be	A. NO_2 B. N_2O C. N_2O_4 D. N_2O_5
5	Half life of most stable isotope of astatine is	A. 8.0 hrs B. 8.1 hrs C. 8.2 hrs D. 8.3 hrs
6	The most distinctive character among the elements is their division into	A. Metals and non-metals B. Solids, liquids and gases C. Atoms and molecules D. Active and inactive elements
7	What happens when CCl_4 is treated with $AgNO_3$ solution?	A. NO_2 will be evolved B. A white ppt. of $AgCl$ will form C. CCl_4 will dissolve in $AgNO_3$ solution D. Nothing will happen
8	A compound having empirical formula C_3H_3O and its molecular mass is 110.02. Its molecular formula is	A. C_3H_3O B. $C_6H_6O_2$ C. $C_9H_9O_3$ D. $C_3H_6O_2$
9		A. Diastase B. Lipase C. Inverters D. Zymase
10	The addition of HBr is easiest with	A. $CH_2 = CHCl$ B. $ClCH = CHCl$ C. $CH_3 - CH = CH_2$ D. $(CH_3)_2C = CH_2$
11	Elimination bimolecular reactions involve:	A. First order Kinetics B. Third order kinetics C. Zero order kinetics
12		A. High temperature and low pressure B. Low temperature and high pressure C. Low temperature and low pressure D. High temperature and high pressure
13	Isotonic solutions have same	A. Molar concentration B. Molality C. Normality D. None of these
14	Vegetables oil are:	A. Unsaturated fatty acids B. Glycerides of saturated fatty acids C. Essential oils obtained from plants D. None of these
15	A carboxylic acid contains:	A. A hydroxyl group B. A carboxyl group C. A hydroxyl & carboxyl group D. A carboxyl & aldehyde group

16	K_{sp} value for $PbSO_4 = 1.8 \times 10^{-8} \text{ mole}^2 \text{ dm}^{-6}$. The maximum concentration of Pb^{++} ions is	<p>A. $1.34 \times 10^{-4} \text{ mole dm}^{-3}$</p> <p>B. 1.8×10^{-4}</p> <p>C. $3.6 \times 10^{-16} \text{ mole dm}^{-3}$</p> <p>D. $1.0 \times 10^{-8} \text{ mole dm}^{-3}$</p>
17	Which of the statement is contrary to the first law of thermodynamics	<p>A. Energy can neither be created nor destroyed</p> <p>B. One form of energy can be transferred into an equivalent amount of other kinds of energy</p> <p>C. In an adiabatic process the work done is independent of its path</p> <p>D. Continuous production of mechanical work without supplying an equivalent amount of heat is possible</p>
18	The number of isotopes of gold is	<p>A. 3</p> <p>B. 1</p> <p>C. 2</p> <p>D. 4</p>
19	Chief ore of aluminium is:	<p>A. Na_3AlF_6</p> <p>B. $Al_2O_3 \cdot 2H_2O$</p> <p>C. Al_2O_3</p> <p>D. $Al_2O_3 \cdot H_2O$</p>
20	At present cement plants in Pakistan are	<p>A. ten</p> <p>B. twenty two</p> <p>C. four</p> <p>D. twenty four</p>