

ECAT Chemistry MCQ's Test For Full Book

Sr	Questions	Answers Choice
1	The term aromatic was derives from	A. Greek word B. Latin C. Russian D. English
2	By the use of catalysis the energy of activation is	A. Decreased B. Increased C. Not affected D. None
3	At what pH glycine shows the structure $\text{H}_3\text{N}^+-\text{CH}_2-\text{COOH}$	A. 2 B. 7 C. 10 D. 14
4	A solution has pH = 0, its H^+ ion concentration is	A. 1×10^{-14} B. 1×10^{14} C. 1×10^1 D. 1
5	Alcohols are derivatives of:	A. Benzene B. Alkanes C. Alkenes D. Alkynes
6	B.O.D is connected with	A. Organic matter B. Microbes C. Mircrobes and organic matter D. None of the above
7	Ecosystem is a smaller unit of	A. Hydrosphere B. Lithosphere C. Biosphere D. Atmosphere
8	Which of the following liquids has low vapor pressure at 25°C:	A. Diethyl ether B. Acetone. C. Water. D. Ethyl alcohol.
9	De halogenatiion of tetrahalides happens in the presence of active metal like	A. Zn B. Mg C. Both a and b D. None of them
10	The tip of funnel should be 1 or 2cm larger than the circle of the	A. Beaker B. Solid C. Filter paper D. Liquid
11	Which of the following will affect the rate :	A. First step of reaction. B. Last step of reaction. C. Rate determining step. D. Fastest step.
12	Select from the following which one is alcohol?	A. $\text{CH}_3-\text{CH}_2-\text{OH}$ B. $\text{CH}_3-\text{O}-\text{CH}_3$ C. CH_3-COOH D. $\text{CH}_2-\text{CH}_2-\text{BR}$
13	Which shows maximum catenation property?	A. S B. Se C. Te D. O
14	Compounds containing cyanide group (.....C≡N) are called:	A. Nitrides B. Nitrites C. Nitriles D. Cyanides

15	Which element of group IV-A does not use d-orbital?	B. P C. As D. Sb
16	The nature of positive ray depend on:	A. The nature of electrode. B. The nature of discharge tube. C. The nature of residual gas. D. All of above.
17	BiCl_3 on hydrolysis forms a white precipitate of	A. Bismuthio acid B. Bismuth oxychloride C. Bismuth pentachloride D. Bismuth hydroxide
18	Number of elements present in 5th period is	A. 8 B. 18 C. 32 D. 24
19	The solubility product of AgCl is $2.0 \times 10^{-10} \text{ mole}^2 \text{ dm}^{-6}$. The maximum concentration of Ag^+ ions in the solution is	A. $2.0 \times 10^{-10} \text{ mole dm}^{-3}$ B. $1.41 \times 10^{-5} \text{ mole dm}^{-3}$ C. $1.0 \times 10^{-10} \text{ mole dm}^{-3}$ D. $4.0 \times 10^{-20} \text{ mole dm}^{-3}$
20	Which statement is incorrect for and ideal solution	A. The forces of attractions between solute and solvent molecules are same B. There is no evolution or absorption of heat C. Volume of the solution is less than sum of volumes of individual components D. Vapour pressure of solution is directly proportional to the mole fraction of solvent