

ECAT Chemistry MCQ's Test For Full Book

Sr	Questions	Answers Choice
1	The catalyst, which is used as specialist for cracking, are	A. Aluminates B. Aluminosilicates C. Aluminium slats D. All can be used
2	Which of the following is halo form	A. CHBr_3 B. CHCl_3 C. CHI_3 D. All of these
3	Covalent compounds are soluble in	A. Polar solvents B. Non-polar solvents C. Concentrated acids D. All solvents
4	Which element does not belong to 4d series	A. Y B. Zr C. Mo D. Zn
5	When the 6d orbital is completed the entering electron goes into	A. 7f B. 7 s C. 7 p D. 7 d
6	Which of the following is not a synthetic polymer?	A. Polyethylene B. PVC C. Nylon D. Cellophane
7	The rate at which a substance reacts is directly proportional to its active mass and the rate of reaction is directly proportional to the product of the active masses of reacting substances, is called	A. Law of conservation of energy B. Le-Chateliers principle C. Law of mass action D. None of these
8	Which of the following consists of atoms and molecules and are held together by WAHDERWADD forces.	A. H_2O B. CO_2 C. Cu D. MgO
9	Which of the following pairs are chemically dissimilar?	A. Na and K B. Ba and Sr C. Zr and Hf D. Ca and Zn
10	The process in which solvent particles surround solute particles is called	A. Hydrolysis B. Hydration C. Solvation D. Dissolution
11	Question Image <input type="text"/>	A. Moles per dm^3 B. Partial pressures C. Number of moles D. Mole fractions
12	Major component of natural gas is:	A. Ethane B. Ethene C. Propane D. Methane
13	If an endothermic reaction is allowed to take place very rapidly in air, the temperature of the surrounding air :	A. Remains constant. B. Decreases. C. Increases. D. Fluctuates rapidly.
14	When 0.1 g of magnesium is treated with an excess of hydrochloric acid, what volume of gas at room temperature and pressure will be produced	A. 10 cm^3 B. 25 cm^3 C. 48 cm^3 D. 100 cm^3
15	Which of the following is not an element?	A. Graphite B. Diamond C. 22-Carat gold D. Rhombic sulphur

16	The chemical formula of Epson salt is	<p>A. MgSO_4</p> <p>B. MgCl_2</p> <p>C. $\text{MgSO}_4 \cdot 7\text{H}_2\text{O}$</p> <p>D. $\text{MgCl}_2 \cdot 7\text{H}_2\text{O}$</p>
17	Hydrocarbons, SO_2 , CO , NH_3 , nitrogen oxides and compounds of fluorine are called	<p>A. Primary pollutant</p> <p>B. Secondary pollutant</p> <p>C. Tertiary pollutant</p> <p>D. None of these</p>
18	Introduction of a second methyl group in methylbenzene will give how many isomeric dimethylbenzenes	<p>A. 2</p> <p>B. 1</p> <p>C. 3</p> <p>D. 4</p>
19	Which technique is used to determine the absorption of radiations?	<p>A. Dilatometer method</p> <p>B. Optical rotation method</p> <p>C. Spectrometry</p> <p>D. Refractometric method</p>
20	The three N - H σ -bonds are made by	<p>A. sp^3- s overlap</p> <p>B. sp^2- s overlap</p> <p>C. P - p overlap</p> <p>D. sp - overlap</p>