

ECAT Chemistry MCQ's Test For Full Book

Sr	Questions	Answers Choice
1	Diamond is a bad conductor because	A. It has a tight structure B. It has a high density C. there is no free electron present in the crystal of diamond of conduct electricity D. Is transparent to light
2	Determination of atomic masses and invention of system of writing symbols was made by:	A. J. Berzelius B. Democritus C. Dalton D. None of above
3	Phenol is heated with CCl_4 and alkaline KOH when salicylic acid is produced. The reaction is known as	A. Friedel-Craft reaction B. Riemer-Tiemann's reaction C. Rosenmund's reaction D. Sommelet reaction
4	Borax is a common mineral of alkali metal sodium. Its formula is	A. $\text{Na}_2\text{B}_4\text{O}_7$ B. $\text{Na}_2\text{B}_4\text{O}_7 \cdot 10\text{H}_2\text{O}$ C. $\text{Na}_2\text{B}_3\text{O}_6 \cdot 10\text{H}_2\text{O}$ D. $\text{Na}_2\text{B}_4\text{O}_7 \cdot 5\text{H}_2\text{O}$
5	Which of the following compounds on oxidation gives benzoic acid?	A. Chlorophenol B. Chlorotoluene C. Chlorobenzene D. Benzyl chloride
6	The element caesium bears resemblance with	A. Ca B. Cr C. Rubidium D. None of the above
7	Reduction with aluminium isopropoxide in excess of Isopropyl alcohol is called Meerwein Ponnndroff-Verley reduction (MPV). What will be the final product when cyclohex-2-enone is selectively reduces in MPV reaction?	A. Cyclohexanol B. Cyclohex-2-enol C. Cyclohexanone D. Benzene
8	The method used only for the production of symmetrical alkanes	A. Kolb's method B. Clemmensen C. Cannizzaro D. Wolf kishner
9	<input type="text" value="Question Image"/>	A. 2 B. 3 C. 4 D. 9
10	The disaccharide present in milk is	A. Sucrose B. Maltose C. Lactose D. Cellobiose
11	The rate of reaction determined at a given time is called	A. Average rate B. Instantaneous rate C. Specific rate D. Overall rate
12	<input type="text" value="Question Image"/>	A. There is no change in temperature B. No change in volume C. Heat is absorbed D. Heat is released
13	Which is liquid among the following alkenes?	A. Ethane B. Propene C. Butene D. Pentene
14	Taste of lower alcohols is:	A. Sweet B. Bitter C. - D. -

		<p>C. Our</p> <p>D. Salty</p>
15	Catenation is a process in which carbon shows the properties of making	<p>A. Multiple bonds</p> <p>B. Hybridization</p> <p>C. Long chains or rings of carbon atom</p> <p>D. Showing isomerism</p>
16	In the reaction $K_2Cr_2O_7 + HCl + CrCl_3 + Cl_2 + H_2O$ the element which is reduced is	<p>A. K</p> <p>B. Cl</p> <p>C. Cr</p> <p>D. H</p>
17	If a large number of amino acids (hundreds to thousands) are joined by peptide bonds, the resulting product is called	<p>A. Dipeptide</p> <p>B. Tripeptide</p> <p>C. Polypeptide</p> <p>D. None of these</p>
18	Cell in which an electric current drives a non-spontaneous reaction is called	<p>A. Electrolytic cell</p> <p>B. Voltaic cell</p> <p>C. Biological cell</p> <p>D. Electrochemical cell</p>
19	Which one of the following particles has a mass $1/1836$ time, that of hydrogen?	<p>A. Neutron.</p> <p>B. Proton.</p> <p>C. Electron.</p> <p>D. Positron.</p>
20	Acetamides are formed by the reaction of carboxylic acids with	<p>A. Acids</p> <p>B. Bases</p> <p>C. Salts</p> <p>D. NH_3</p>