

## ECAT Chemistry MCQ's Test For Full Book

Sr	Questions	Answers Choice
1	Which of the following elements is not present abundantly in earth's crust?	A. Silicon B. Aluminium C. Sodium D. Oxygen
2	Carbon monoxide is harmful to human beings as it	A. Is carcinogenic B. Is antagonistic to CO <sub>2</sub> C. Has higher affinity for hemoglobin as compared to oxygen D. Is destructive to O <sub>3</sub>
3	The reaction rate is expressed in the units of	A. Mol dm <sup>-3</sup> s <sup>-1</sup> B. Mol dm <sup>-3</sup> C. Mol dm <sup>-3</sup> N <sup>-1</sup> D. dm <sup>-3</sup> s <sup>-1</sup>
4	Ethanol can be converted into ethanoic acid :	A. Hydrogenation B. Hydration C. Oxidation D. Fermentation
5	The order of reactivity of halogen acids towards alkenes	A. HCl > HBr > HI B. HBr > HCl > HI C. HCl > HBr D. HI > HBr > HCl
6	Question Image 	A. -1.10 V B. +1.10 V C. -0.42 V D. +0.42 V
7	The fibre which contains polymers of vinylidene chloride as fibre forming substance is known as	A. Saran fibre B. Nylon C. Polyester D. Acetate fibre
8	The solubility product of AgCl is $2.0 \times 10^{-3} \text{ mol}^2 \text{ dm}^{-6}$ , The maximum concentration of Ag ion in the solution is :	A. $2.0 \times 10^{-3} \text{ mol dm}^{-3}$ B. $1.41 \times 10^{-3} \text{ mol dm}^{-3}$ C. $1.0 \times 10^{-3} \text{ mol dm}^{-3}$ D. $1.0 \times 10^{-6} \text{ mol dm}^{-3}$

		<p>repeat: initial; background-attachment: initial; background-origin: initial; background-clip: initial;"&gt; &lt;/span&gt; &lt;/sup&gt;&lt;span style="font-size: 10.5pt; line-height: 107%; font-family: Arial, sans-serif; background-image: initial; background-position: initial; background-size: initial; background-repeat: initial; background-attachment: initial; background-origin: initial; background-clip: initial;"&gt;x 10&lt;sup&gt;-10&lt;/sup&gt; mol dm&lt;sup&gt;-3&lt;/sup&gt;&lt;/o:p&gt;&lt;/p&gt;</p> <p>D. &lt;p class="MsoNormal"&gt;4.0&lt;sup&gt;&lt;span style="font-size: 10.5pt; line-height: 107%; font-family: Arial, sans-serif; background-image: initial; background-position: initial; background-size: initial; background-repeat: initial; background-attachment: initial; background-origin: initial; background-clip: initial;"&gt; &lt;/span&gt; &lt;/sup&gt;&lt;span style="font-size: 10.5pt; line-height: 107%; font-family: Arial, sans-serif; background-image: initial; background-position: initial; background-size: initial; background-repeat: initial; background-attachment: initial; background-origin: initial; background-clip: initial;"&gt;x 10&lt;sup&gt;-10&lt;/sup&gt; mol dm&lt;sup&gt;-3&lt;/sup&gt;&lt;/span&gt;&lt;o:p&gt;&lt;/p&gt;</p>
9	The order of distance between the various Bohr orbits is	<p>A. <math>r_2 &lt; r_1 &lt; r_3 &lt; r_4</math></p> <p>B. <math>r_1 &lt; r_2 &lt; r_3 &lt; r_4</math></p> <p>C. <math>r_2 &lt; r_1 = r_3 &lt; r_4</math></p> <p>D. <math>r_2 &lt; r_1 &lt; r_3 &lt; r_4</math></p>
10	Which of the following compounds will react with Tollen's reagent	
11	The positive ion is always smaller than the neutral atom while the negative ion is always bigger than the neutral atom. The atomic and ionic radii of Na, F, Na <sup>+</sup> , F <sup>-</sup> are in ppm	<p>A. Na F Na<sup>+</sup> F<sup>-</sup></p> <p>B. Na F Na<sup>+</sup> F<sup>-</sup></p> <p>C. Na F Na<sup>+</sup> F<sup>-</sup></p> <p>D. Na F Na<sup>+</sup> F<sup>-</sup></p>
12	Which one of the following gases is used for artificial ripening of fruits ?	<p>A. Ethane</p> <p>B. Ethyne</p> <p>C. Methane</p> <p>D. Propane</p>
13	K, Ca and Li metals may be arranged in decreasing order of their reduction potential as :	<p>A. Li, K, Ca</p> <p>B. Ca, K, Li</p> <p>C. Li, Ca, K</p> <p>D. K, Ca, Li</p>
14	A white precipitate of silver chloride immediately formed on addition of :	<p>A. Silver nitrate solution to sodium chloride solution.</p> <p>B. Silver chloride solution to sodium nitrate solution.</p> <p>C. Silver nitrate solution to potassium chloride solution</p> <p>D. Silver nitrate solution to hydrogen chloride solution.</p>
15	Which of the following element has the maximum electron affinity?	<p>A. F</p> <p>B. S</p> <p>C. I</p> <p>D. Cl</p>
16	The saturated hydrocarbons usually end with suffix _____	<p>A. Ane</p> <p>B. Ene</p> <p>C. Yne</p> <p>D. Oic</p>

17	Which of the following yield both hydrogen and chlorine on electrolysis:	A. Electrolysis of acidified water. B. Electrolysis of molten NaCl C. Electrolysis of aqueous NaCl D. Electrolysis of saline water
18	which enzyme is not involved in the fermentation of starch ?	A. Diastase B. Zymase C. Urease D. Invertase
19	It is noticed that energy in the form of heat is either evolved or absorbed as a result of a:	A. Physical change. B. Chemical change. C. Biological change. D. All of above.
20	Which one is used as a fuel for internal combustion engines in many European countries and Brazil	A. $C_2H_5OH$ B. $CH_3OH$ C. $CH_3COOH$ D. $C_2H_2$