

ECAT Chemistry MCQ's Test For Full Book

Sr	Questions	Answers Choice
1	Which of the following process is employed to convert alkyl halide into alcohol?	<p>A. Addition</p> <p>B. Substitution</p> <p>C. Dehydrohalogenation</p> <p>D. Molecular rearrangement</p>
2	Heaviest particle is	<p>A. Meson</p> <p>B. Neutron</p> <p>C. Proton</p> <p>D. Electron</p>
3	Covalent compounds mostly exist in the form of:	<p>A. Protons</p> <p>B. Atoms</p> <p>C. Neutrons</p> <p>D. Molecules</p>
4	Which of the following with aqueous KOH will give acetaldehyde?	<p>A. 1, 2-Dichloroethane</p> <p>B. 1, 1-Dichloroethane</p> <p>C. Chloroacetic acid</p> <p>D. Ethyl chloride</p>
5	Optical rotation method is used when	<p>A. Reaction involve ions</p> <p>B. Change of refractive indices</p> <p>C. Reactions involving change of optical activity</p> <p>D. None of the above</p>
6	Which of the following oxides is amphoteric in character?	<p>A. CaO</p> <p>B. CO_2</p> <p>C. SiO_2</p> <p>D. SnO_2</p>

7	The value of R(General Gas Constant) is	<p><o:p></o:p></sup></p> B. <p class="MsoNormal">1.987 Cal K<sup>-1</sup>Mole<sup>-1</sup></o:p></p> C. Both a and b D. <p class="MsoNormal">1.987 JK<sup>-1</sup>mole<sup>-1</sup></o:p></p></p>
8	The number of bonds in nitrogen molecule is	
9	Molecule of halogens exist as	A. Monatomic B. Diatomic C. Triatomic D. Polyatomic
10	Major fertilizers with micro—nutrients are	A. Nitrogenous B. Phosphatic C. Potash D. a,b,c
11	Cl ₂ reacts with CS ₂ in presence of AlCl ₃ to form	A. CHCl ₃ B. CCl ₄ C. C ₂ H ₅ Cl D. C ₂ H ₆
12	Any substance in the environment which adversely affects the human health and natural functioning of the Ecosystem is known as	A. Environment B. Hydrosphere C. Pollutant D. Biosphere
13	Content of carbon in steel is:	A. 0.12 to 0.25% B. 0.25% to 2.5% C. 3.0 to 3.5% D. 4.0 to 4.5%
14	Which structure shows a primary alcohol	
15	Phosphorus helps the growth of :	A. Root B. Leave C. Stem D. Seed
16	Classical smog occurs in palces of	A. Excess SO ₂ B. Low temperature C. High temperature D. Excess NH ₃

17	The IA elements are called	A. Alkaline earth metal B. Alkaline metals C. The halogens D. The inert gases
18	Which of the following reactions is used for detecting presence of carbonyl group?	A. Reaction with hydroxylamine B. Reaction with hydrazine C. Reaction with phenyl hydrazine D. All
19	Aldehydes which do not have α -hydrogen undergo	A. Aldol combination B. Cannizzaro's reaction C. Substitution D. Elimination
20	When electric current is used to carry out non-spontaneous redox, the process is called	A. Hydrolysis B. Electrolysis C. Decomposition D. Neutralization