

ECAT Chemistry MCQ's Test For Full Book

Sr	Questions	Answers Choice
1	Which compound out the following is used in berthing equipment as it absorbs CO ₂ and gives out O at the same time.	A. Na ₂ O B. KO ₂ C. MgO D. BaO
2	Thermochemistry is the study of chemical reaction accompanying	A. Heat change B. Rate change C. Mass change D. Volume change
3	Oxidation of 2-propanol gives	A. Propanone B. Butanone C. Pentanone D. None of these
4	Palmitic acid & stearic acid are obtained from process of fats & oils:	A. Reduction B. Neutralization C. oxidation D. hydrolysis
5	The paper is derived from the name of which seedy plant?	A. Rose B. Sun flower C. Papyrus D. Water Hyacinth
6	The chemical formula of Epsom salt is	A. MgSO ₄ B. MgCl ₂ C. MgSO ₄ ·7H ₂ O D. MgCl ₂ ·7H ₂ O
7	Reduction or oxidation potential of standard hydrogen electrode is :	A. 0.0 Volt B. 0.8 Volt C. 1.0 Volt D. 1.8 Volt
8	Which of the following element is most reactive	A. Li B. Na C. K D. Cs
9	Which of the following brings about the conversion of starch into maltose	A. Maltase B. Zymase C. Diastase D. Invertase
10	Which property is not present in lipids?	A. Liquid B. Solid or semi solid C. Soluble in water D. Form emulsion
11	Which element forms an ion with charge 3+?	A. Beryllium B. Aluminium C. Carbon D. Silicon
12	Question Image 	A. 8 B. 4 C. 9 D. 3
13	Which one of the following has continuous solubility curve	A. NH ₄ NO ₃ B. CaCl ₂ C. CaCl ₂ ·6H ₂ O D. Na ₂ SO ₄ ·10H ₂ O
14	The valency, ionization energy and electronegativity of elements are related to its	A. Atomic number B. Properties C. Atomic weight D. Family group

15	Hydrolytic reaction of fats by causic soda is known as	A. Acetylation B. Carboxylation C. Esterification D. Saponification
16	When sodium metal reacts with alcohols	A. Hydrogen gas evolves B. Sodium hydroxide is obtained C. Alcohol is reduced D. Alcohol is polymerised
17	Molar mass of high molecular w.f. polymers ranges from:	A. 1000 to 10000 B. 10000 to 100000 C. 100000 to 1000000 D. 1000 to 10000000
18	Group I-A elements react with water fastly than the reaction of group II-A elements because	A. I_Aelements are more soft then II_A B. I_Aelements are non-metals C. I_Aelements have 1 electron in their outermost s-orbital and are strongly electropositive D. I_Aelements make ionic bond
19	Formaldehyde is used to make	A. Plastics B. Medicine C. Antiseptic D. All of these
20	Grignard's reagent on treatment with dry CO ₂ and HCl yields	A. Ester B. Alcohol C. Carboxylic acid D. Aldehyde