

ECAT Chemistry MCQ's Test For Full Book

Sr	Questions	Answers Choice
1	Alkyl halides when reduced with nascent hydrogen in the presence of Zn + HCl, are converted to	A. Alkynes B. Alkenes C. Alkanes D. Alcohol
2	The sample being analyzed is called:	A. Electrolyte B. Residue C. Undue D. Filtrate
3	The amino acids which human body can synthesize are called _____ amino acid	A. Essential B. Non essential C. Acidic D. Basic
4	Which of the following has more unpaired d-electrons?	A. Zn ⁺ B. Fe ²⁺ C. Ni ³⁺ D. Cu ⁺
5	Coal contains sulphur in it :	A. 1 - 3% B. 1 - 6% C. 1 - 9 % D. 1 - 12%
6	Most reactive halide towards S _N 1 reaction is	A. n-Butyl chloride B. sec-Butyl chloride C. tert-Butyl chloride D. Allyl chloride
7	DDT is	A. Biodegradable pollutant B. Nondegradable pollutant C. Not a pollutant D. An antibiotic
8	Bond angle in benzene is	A. 109.5° B. 180° C. 120° D. 107.20
9	Isotonic solutions have same	A. Molar concentration B. Molality C. Normality D. None of these
10	Which polymerization is free radical mechanism based	A. Addition B. Condensation C. Both a and b D. None
11	The quality of petroleum is determined by	A. Decane number B. Octane number C. Nexane number D. None of these
12	Which one of the following dissolves more rapidly in blood hemoglobin than oxygen?	A. Ozone B. Nitrous oxide C. Sulphure dioxide D. Carbon monoxide
13	Dipole moment of CO molecule is:	A. 0.0 B. 1.112 D C. 0.112 D D. 2.112 D
14	Any other aldehyde except formaldehyde on reaction with Grignard's will produce	A. Secondary alcohol B. Primary alcohol C. Tertiary alcohol D. Aromatic alcohol
15	Calcium carbonate contains oxygen in it	A. 48% B. 50% C. 53% D. 60%

16	Substitution of halogen in the benzene ring requires catalyst	A. AlCl_3 B. FeCl_3 C. SiO_2 D. Organo - nickel
17	Minamata disease is due to pollution of	A. Organic waste into drinking water B. Oil spill in water C. Industrial waste containing mercury into fishing water D. Arsenic into the atmosphere
18	The disaccharide present in milk is	A. Sucrose B. Maltose C. Lactose D. Cellobiose
19	Which property is not present in Al?	A. Reacts with acid B. Reacts with bases C. Changes litmus paper D. Changes methyle orange colour
20	Which salt is used for the treatment of hyperacidity in stomach	A. NaCl B. KCl C. NaHCO_3 D. Na_2CO_3