

ECAT Chemistry MCQ's Test For Full Book

Sr	Questions	Answers Choice
1	A limiting reactant is one which according to the stoichiometric equation	A. Has excess mass B. Has least mass C. Has excess number of moles D. Has least number of moles
2	Calorie is equivalent to	A. 0.4184 J B. 41.84 J C. 4.184 J D. 418.4 J
3	Methyl alcohol is not used	A. As a solvent B. As an anti-freezing agent C. As a substitute for petrol D. For denaturing of ethyl alcohol
4	The structure of complex hydrides is	A. Tetrahedral B. Trigonal C. Octahedral D. Square planar
5	Coal heated in the absence of air of about 500 - 1000°C is converted to	A. Coke B. Coal gas C. Coal tar D. All above
6	The M.P. of carboxylic acids containing even number of carbon atoms is _____ than the next	A. Higher B. Low C. Equal D. None
7	Monosubstituted benzene can have disubstitution at position:	A. Ortho B. meta C. para D. a, b, c
8	Lithium reacts with air to form	A. Peroxide B. Normal oxide C. Superoxide D. None of these
9	The bond angles in methane CH ₄ are equal to	A. 109.5° B. 107.5° C. 104.5° D. 120°
10	Reduction with aluminium isopropoxide in excess of Isopropyl alcohol is called Meerwein Ponndroff-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
11	Formation of PVC from vinyl chloride is an example of	A. Substitution reaction B. Addition polymerization C. Condensational reaction D. Aldol condensation
12	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
13	A colloidal gel is	A. 3Ca, Al ₂ O ₃ B. CaSO ₂ .2H ₂ O C. 3CaAl ₂ O ₃ .3CaSO ₄ .2H ₂ O D. 3Ca.Al ₂ O ₃ .6H ₂ O
14	In the atomic emission spectrum the lines which appear bright, appear dark in absorption spectrum because	A. The radiations emitted in emission spectrum are absorbed in absorption spectrum B. Atomic emission spectrum is continuous C. Atomic absorption spectrum is continuous D. Distance between the lines increases
15	Which is used to remove air bubbles from metals?	A. B B. Be C. ...

15	Which is used to remove air bubbles from media?	C. Mg D. Al
16	Benzene reacts with chlorine to form benzene hexachloride in presence of	A. Nickel B. AlCl_3 C. Bright sunlight D. Zinc
17	Amino acids are bifunctional organic compounds what are the two function groups	A. Carboxylic acid and alcohol B. Alcohol and aldehyde C. Carboxylic acids and ketone D. Amino group and carboxylic acid
18	Buffers having pH less than 7 are made	A. Mixture of weak acid + salt of it with strong base B. Mixture of weak acid + salt of it with weak base C. Mixture of weak base + salt of it with strong acid D. Mixture of weak base + salt of it with weak base
19	0.5 mole of CH_4 and 0.5 mole of SO_2 gases have equal	A. Volume B. Mass in grams C. Total number of atoms D. Number of molecules
20	For which system does the equilibrium constant, K_C has units of concentration	