

ECAT Chemistry MCQ's Test For Full Book

Sr	Questions	Answers Choice
1	Pb has inert pair of electrons:	A. One B. Two C. Three D. Four
2	Which gasoline is better?	A. Of low boiling point B. Of low molecular mass C. Of high octane D. All of these
3	Which one of the following statements about glucose and sucrose is incorrect?	A. Both are soluble in water B. Both are naturally occurring C. Both are carbohydrates D. Both are disaccharides
4	The acid showing salt like character in aqueous solution is	A. Acetic acid B. Benzoic acid C. Formic acid D. α - Aminoacetic acid
5	Coal is used to bake bricks in lime kiln:	A. 40% B. 60% C. 80% D. None of these
6	The conversion of chemical energy into electrical energy requires :	A. Electrolytic cell B. Galvanic cell C. Voltaic cell D. Both (b) and (c)
7	Which of the following is explosive:	A. Trinitrophenol B. Nitrophenol C. Nitromethane D. Nitrobenzene
8	Formic acid is obtained when	A. Calcium acetate is heated with conc. H_2SO_4 B. Calcium formate is heated with calcium acetate C. Glycerol is heated with oxalic acid D. Acetaldehyde is oxidized with $\text{K}_2\text{Cr}_2\text{O}_7$ and H_2SO_4
9	Carbolic acid is the other name for	A. Methanol B. Ethanol C. Propanol D. Phenol
10	For preparing an alkane, a concentrated aqueous solution of sodium or potassium salt of saturated carboxylic acid is subjected to	A. Hydrolysis B. Oxidation C. Hydrogenation D. Electrolysis
11	If a salt bridge is removed between the two half cells, the voltage	A. Drops to zero B. Does not change C. Increases gradually D. Increases rapidly
12	Which of the following fluorides does not exists?	A. NF_5 B. PF_5 C. AsF_5 D. SbF_5
13	Vegetables oil are:	A. Unsaturated fatty acids B. Glycerides of saturated fatty acids C. Essential oils obtained from plants D. None of these
14	Amino acids contain functional groups in it:	A. $-\text{CO}-$ B. $-\text{OH}$ C. $-\text{NH}_2$ D. All of these

15	The tip of the funnel should touch the side of the beaker in order to avoid	A. Splashing B. Leakage C. Mixing D. Contamination
16	The amount of heat required to convert one mole of solid directly into its vapour state at STP is called as	A. Molar heat of vaporization B. Standard heat of vaporization C. Heat of reaction D. Heat of neutralization
17	The open chain compounds are also called	A. Aliphatic B. Alicyclic C. Aromatic D. Both a and b
18	Ethyl chloride on treatment with aqueous alkali gives	A. Ethane B. Ethene C. Ethanal D. Ethanol
19	4-d series is in the period:	A. 4th B. 5th C. 6th D. 7th
20	_____ is called milk of magnesia	A. NaOH B. KOH C. LiOH D. None