ECAT Chemistry Chapter 19 Aliphatic Hydrocarbons

Sr	Questions	Answers Choice
1	Which of the following is not aromatic hydrogencarbon	A. Benzene B. Naphthalene C. Toluene D. Cyclohexene
2	Alkenes normally have _____ geometry	A. Tetrachedral B. Linear C. Planer D. None
3	When alkyl is treated with chlorine in the presence of sunlight	A. 1,3 dichloroproduct is formed B. 1,4 dichloro product is formed C. 1,3,5 trichloro product is formed D. Only alkyl group is substituted
4	Acetylene gives	A. White ppt. with ammonical AgNO3 and red ppt. with ammonical Cu(NO3)2 B. White ppt. with ammonical AgNO3 and red ppt. with ammonical Cu2C12 C. White ppt. with both D. Red ppt. with both
5	The term aromatic was derives from	A. Greek word B. Latin C. Russian D. English
6	The order of reactivity of halogen acids towards alkenes	A. HCl > HBr > HI B. HBr > HCl > HI C. HCl > HBr D. HI > HBr > HCl
7	When methane reacts with Cl_2in the presence of diffused light the products obtained are	A. Chloroform only B. Carbon tetrachloride only C. Chloromethane and dichloromethane D. Mixture of a, b, c
8	Which one of the following gases is used for artificial ripening of fruits ?	A. Ethane B. Ethyne C. Methane D. Propane
9	The order of dehydration of alcohol	A. 10> 20> 30 B. 10> 30> 20 C. 20> 30> 10 D. 30> 20> 10
10	Replacement of hydrogen by NO_2group is called	A. Sulphonatioin B. Hydration C. Nitration D. Cracking
11	Introduction of a second methyl group in methylbenzene will give how many isomeric dimethyllenzenes	A. 2 B. 1 C. 3 D. 4
12	The addition of unsymmetrical reagent to an unsymmetrical alkene is in accordance with	A. Hund's rule B. Markownikov's rule C. Pauli's Exclusion principle D. Auf ban principle
13	Which compound was recognized the parent member of aromatic compounds	A. Aniline B. Phenol C. Benzene D. Toluene
14	Zn + HCl are used in	A. Clemenson reduction B. Wof kishner reduction C. Kolb's electrolysis D. Wutruz reaction

15	Which of the following is not an electrophitic substitution reaction of benzene	A. Nitration B. Sulphonation C. Fridel-Craft alkylation D. Free radical chlorination of benzene
16	Benzene does not undergo polymerization and it is also resistant to	A. Reduction B. Oxidation C. Alkylation D. Ozonolysis
17	Vinyl acetylene combines with HCl to form:	A. Polyacetylene B. Benzene C. Chloroprene D. Divinyl acetylene
18	Polymerization of ethane take place at pressure of 100 atm and a temperature of	A. 200°C B. 400°C C. 600°C D. 800°C
19	The presence of a double bond in a compound is the sign of	A. Saturation B. Unsaturation C. Substitution D. None of above
20	The geometry of acetylene is	A. Angular B. Bent C. Trigonal D. Linear