ECAT Chemistry Chapter 19 Aliphatic Hydrocarbons

Sr	Questions	Answers Choice
1	Odour of alkene is:	A. Fruity B. Odourless C. Zarlic like D. Irritating
2	Preparation of vegetable ghee involves	A. Halogenations B. Hydrogenations C. Hydroxylation D. Dehydrogenations
3	Alkynes are colourless & odouless except	A. Acetylene B. Propyne C. Butyne D. Pentyne
4	Synthesis rubber is made by polymerization :	A. Chloroform B. Acetylene C. Divinyl acetylene D. Butene
5	The method in which alkanes prepared by alkyle halides in the presence of palladium - charcoal is	A. Hydrolysis B. Electrolysis C. Hydrogenation D. Hydrogenolysis
6	Hydrocarbons are organic compounds which contain elements such as	A. Hydrogen B. Carbon C. Hydrogen and carbon D. Halogens
7	In Friedal-Craft's alkylation besides AlCl3 the other reactants are	A. C6H6 + NH3 B. C6H6 + NH4 C. C6H6 + CH3Cl D. C6H6 + CH3COCl
8	The saturated hydrocarbons usually end with suffix _____	A. Ane B. Ene C. Yne D. Oic
9	The reaction in which ketone is reduced to the alkane is called	A. Kolb B. Clemmensen C. Cannizzaro D. None
10	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
11	How many molecules of chlorine adds in benzene in the presence of sunlight	A. One B. Two C. Three D. Four
12	Question Image	A. 2, 3-dimethylbutane B. 2, 3-methylbutane C. 2-dimethylbutane D. Dimethylbutane
13	Which is the used as test for the presence of alkenes	A. Reaction of cold dilute alkaline KMnO₄ B. Combustion C. Polymerization D. Catalytic hydrogenation
14	De halogenatiion of tetrahalides happens in the presence of active metal like	A. Zn B. Mg C. Both a and b D. None of them
15	Which reaction is too vigorous to control	A. Chlorination B. Bromination C. Iodination

		D. Fluorination
16	The compound prepared by a substitution reaction of benzene is	A. Acetophenone B. Glyoxal C. Cyclohexame D. Hexabromo cyclohexane
17	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
18	All are ortho & Para directing except	A. X B. OH C. NR₃ D. NH₂
19	The Total coal resources of Pakistan are estimated to be	A. 184 billion B. 184 million tones C. 1.84 billion tounes D. 1.84 million tonnes
20	An organic compound, on treatment with Br2 in CC14 gives bromoderivative of an alkene. The compound will be	A. CH3 - CH = Ch2 B. CH3CH = CHCH3 C. HC = CH D. H2C = CH2