ECAT Chemistry Chapter 19 Aliphatic Hydrocarbons

Sr	Questions	Answers Choice
1	The term aromatic was derives from	A. Greek word B. Latin C. Russian D. English
2	Synthesis rubber is made by polymerization :	A. Chloroform B. Acetylene C. Divinyl acetylene D. Butene
3	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
4	All are ortho & Para directing except	A. X B. OH C. NR₃ D. NH₂
5	Octane number is zero for	A. n-Heptane B. Isooctane C. n-Hexane D. Isoheptane
6	Alkyl halides when reduced with nascent hydrogen in the presence of Zn + HCl, are converted to	A. Alkynes B. Alkenes C. Alkanes D. Alcohol
7	Ethylene decolorizes cold dilute solution of $KMnO_4$. This test is known as	A. Colouration test B. Baeyer's test C. Silver mirror test D. Ring test
8	The order of reactivity of halogens in aliphatic substitution reactions is	A. Br2 > C12 > F2 B. C12 > Br2 > F2 C. C12 C12 > Br2 D. F2 > Br2 > C12
9	$C_{18}$and onward hydrocarbons are normally	A. Gases B. Liquids C. Solids D. Plasma
10	Benzene does not undergo	A. Substitution reaction B. Addition reaction C. Oxidation reaction D. Elimination reaction
11	A salt producing hydrocarbon among these compounds is	A. Ehyne B. Ethene C. Methane D. Ethane
12	Ethylene combines with water in the presence of H_2SO_4+ $HgSO_4$and forms	A. Ethyle chloride B. Ethyle alcohol C. Carboxylic acid D. None of these
13	Alkanes are soluble in all except	A. Benzene B. Ether C. Water D. Carbon tetra chloride
14	In CH_4, all the H-C-H bond angles are	A. 120° B. 107° C. 109° D. 109.5°
		A. H2SO4

15	Which of the following species participate in sulphonation of benzene ring?	B. HSO4 C. SO3 D. SO⁻₂
16	The addition of HBr is easiest with	A. CH2 = CHCl B. ClCH = CHCl C. CH3 - CH = CH2 D. (CH3)2 C = CH2
17	"Each different compound should have a different name" was published by IUPAC system of nomenclature in	A. 1892 B. 1830 C. 1947 D. 1979
18	Which one of the following is (m-xylene)	A. 1,2 dimethyl benzene B. 1,3 dimethyl benzene C. 1,5 dimethyl benzene D. 1,4 dimethyl benzene
19	Preparation of vegetable ghee involves	A. Halogenations B. Hydrogenations C. Hydroxylation D. Dehydrogenations
20	The addition of unsymmetrical reagent to an unsymmetrical alkene is in accordance with the rule	A. Hund's rule B. Markowwikov's rule C. Pauli's exclusion principle D. Auf ban principle