ECAT Chemistry Chapter 19 Aliphatic Hydrocarbons

Sr	Questions	Answers Choice
1	Meta directing group decreased the ---------- of benzene ring	A. Physical activity B. Chemical reactivity C. Density D. None
2	Write the name of following alkene CH_2= CH - CH = CH_2	A. 1,3 butadiene B. Butra -1, 3-diene C. Both a & b D. None
3	The four bonds of carbon in methane are directed towards the corners of	A. Cube B. Pentagon C. Hexagon D. Tetrahedron
4	Vinyl acetylene combines with HCl to form:	A. Polyacetylene B. Benzene C. Chloroprene D. Divinyl acetylene
5	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
6	Which one of the following gases is used for artificial ripening of fruits ?	A. Ethane B. Ethyne C. Methane D. Propane
7	Synthesis of rubber is made by polymerization of	A. Chloroform B. Acetylene C. Divinylacetylene D. Butene
8	The benzene molecule contains	A. Three double bonds B. Two double bonds C. One double bonds D. Delocalizedπ-electron charge
9	The presence of a double bond in a compound in the sign of:	A. Saturation B. Unsaturation C. Subsitution D. None
10	Most common reactions of benzene and its derivatives are	A. electrophilic addition reactions B. electrophilic substitution reactions C. Nucleophilic addition reactions D. Nucleophilic subtitution reactions
11	acetylene can be converted into-while passing through a Cu-tube at 300°C:	A. Glyoxal B. Vinyl acetylene C. Vinyl alcohol D. Benzene
12	Which of the following is not aromatic hydrogencarbon	A. Benzene B. Naphthalene C. Toluene D. Cyclohexene
13	Which one does not declourized $KMnO_4$	A. Alkenes B. Alkynes C. Bezene D. All above
14	The saturated hydrocarbons usually end with suffix _____	A. Ane B. Ene C. Yne D. Oic
15	Formula of chloroform is:	A. CH₃Cl B. CCl₄ C. CH₂Cl₂ D. CHCl₃

16	Hydrocarbon which is liquid at room temperature is	A. Pentane B. Butane C. Propane D. Ethane
17	In CH_4, all the H-C-H bond angles are	A. 120° B. 107° C. 109° D. 109.5°
18	Which reaction is too vigorous to control	A. Chlorination B. Bromination C. Iodination D. Fluorination
19	Which decolourizes the colour of Br_3	A. CH₄ B. CH₃₋CH₃₋CH₃ C. CH₂₌CH₂ D. CH₃₋CH₃
20	β-β- dichloroethyle sulphide is commonly known as:	A. Mustared gas B. Laughing gas C. Phosgene gas D. Bio gas