

## ECAT Chemistry Chapter 19 Aliphatic Hydrocarbons

Sr	Questions	Answers Choice
1	Synthesis of rubber is made by polymerization of	A. Chloroform B. Acetylene C. Divinylacetylene D. Butene
2	Vinyl acetylene combines with HCl to form:	A. Polyacetylene B. Benzene C. Chloroprene D. Divinyl acetylene
3	The reaction-method that does not give an alkane is	A. Catalytic hydrogenation of alkanes     B. Wurtz reaction     C. Hydrolysis of alkyl magnesium bromide     D. Dehydrohalogenation of an alkyl halide
4	Hydrocarbons are organic compounds which contain elements such as	A. Hydrogen B. Carbon C. Hydrogen and carbon D. Halogens
5	Which of the following acid can be used as a catalyst in Friedal Craft's reactions	A. AlCl <sub>3</sub> B. HNO <sub>3</sub> C. BeCl <sub>2</sub> D. NaCl
		A. 4-methyl pentene
6	Question Image	B. 2-methyle-1-butene C. 2-methyl propane D. None of the above
7	Which one of the following gases is used for artificial ripening of fruits	A. Ethane B. Ethyne C. Methane D. Propane
8	Formula of chloroform is	A. CH <sub>3</sub> Cl B. CCl <sub>4</sub> C. CH <sub>2</sub> Cl <sub>2</sub> D. CHCl <sub>3</sub>
9	Which compound was recognized the parent member of aromatic compounds	A. Aniline B. Phenol C. Benzene D. Toluene
10	Benzene can be obtained by heating either benzoic acid with X or phenol with Y. X and Y are respectively	A. Zinc dust and soda lime     B. Soda time and zinc dust     C. Zinc dust and sodium hydroxide     D. Soda lime and copper
11	The method used only for the production of symmetrical alkanes	A. Kolb's method B. Clemmenen C. Cannizzaro D. Wolf kishner
12	Write the name of following compound	A. 5 - methyle - 2- hexene B. 2 - methyle hexene C. 4 - ethyle - 2 - methyle hexene D. 3 - ethyle - 3 - methyl hexene
13	Preparation of ethylbenzene by the reaction of bromobenzene, ethylbromide and sodium is called	A. Wurtz reaction B. Fitting reaction C. Wurtz fitting reaction D. None of these
14	Hydrogenation of alkenes/alkynes in the presence of Ni as catalyst at 3000°C result in the formation of corresponding alkanes. This reaction is known as	A. Sabatier-senderens reaction     B. kolbes reaction     C. Cannizaro's reaction     D. Haloform reaction
15	The benzene molecule contains	A. Three double bonds B. Two double bonds C. One double bonds

		D. Delocalized $\pi$ -electron charge
16	Which gas is produced by treating CaC <sub>2</sub> with water	A. Methane B. Ethane C. Acetylene D. HCI
17	The stability of acromatic compounds decreases with in the no. of its resonance structure	A. Decrease B. Increase C. Remain constant D. Partially decreases
18	Ethylene polymerizes at 100 atm pressure and 400°C to give	A. Polybenzene B. Polyalcohol C. Polypropylene D. Polyethylene
19	Amongst the following the compound that can be most readily sulphonated is	A. Toluene B. Benzene C. Nitrobenzene D. Chlorobenzene
20	When acetylene is passed through a copper tube at 300°C, it polymerizes to	A. Polyacetylene B. polyethylene C. Benzene D. None of these