ECAT Chemistry Chapter 19 Aliphatic Hydrocarbons

Sr	Questions	Answers Choice
1	Benzene was discovered by Michael Faraday's in	A. 1824 B. 1825 C. 1826 D. 1827
2	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
3	Which one of the following gases is used for artificial ripening of fruits ?	A. Ethane B. Ethyne C. Methane D. Propane
4	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
5	Benzene is obtained by fractional distillation of	A. Heavy oil B. Anthracene oil C. Middle oil D. Light oil
6	"Each different compound should have a different name" was published by IUPAC system of nomenclature in	A. 1892 B. 1830 C. 1947 D. 1979
7	Which is liquid among the following alkenes?	A. Ethane B. Propene C. Butene D. Pentene
8	Alkyne is :	A. CH₃₋CH₃ B. CH₄ C. CH_{2= }CH₂ D. C₂H₂
9	When an aqueous solution of potassium salt of monocarboxylic acid is subjected to electrolysis, corresponding alkane is formed. This reation is known as	A. Cannizaro reaction B. Sabatier-secderens reaction C. Alkylation D. Kolbe's reaction
10	Which decolourizes the colour of Br_3	A. CH₄ B. CH₃₋CH_{3- }CH₃ C. CH_{2= }CH₂ D. CH₃₋CH₃
11	Acetylene is used in the manufacture of	A. Rubber B. Plastic C. Ethyle alcohol D. All of these
12	Hydrocarbons are organic compounds which contain elements such as	A. Hydrogen B. Carbon C. Hydrogen and carbon D. Halogens
13	Which compound was recognized the parent member of aromatic compounds	A. Aniline B. Phenol C. Benzene D. Toluene
14	Sp^3hybird orbitals are oriented at an angle of	A. 107.5° B. 108.5° C. 109.5° D. 103.5°
		A. Hund's rule

15	The addition of unsymmetrical reagent to unsymmetrical alkene is in accordance with the rule:	B. Markownikov's rule C. Pauli's Exclusion Principle D. Auf bau Principle
16	The temp. used for the hydrogenation of alkenes using Ni is	A. 2000°C B. 400°C C. 200-- 300°C D. 1000°C
17	If we remove one hydrogen atom from an alkane we obtain a group called	A. Acetyle group B. Formyle group C. Alkyle group D. Ketyle group
18	The presence of a double bond in a compound in the sign of:	A. Saturation B. Unsaturation C. Subsitution D. None
19	Acetylene when treated with 10% H_2SO_4 in the presence of $HgSO_4$ adds one molecule of water to form	A. Aldehydes B. Esters C. Alcohols D. Acids
20	The carbon, carbon bond length in benzene is	A. 1.54A° B. 1.34A° C. 1.20A° D. 1.39A°