

## ECAT Chemistry Chapter 19 Aliphatic Hydrocarbons

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Sr	Questions	Answers Choice
1	Question Image	A. 4-methyl pentene B. 2-methyle-1-butene C. 2-methyl propane D. None of the above
2	Benzene is obtained from benzene sulphonic acid by treating with	A. HCI B. NaOH C. H <sub>2</sub> O D. NaHCO <sub>3</sub>
3	The order of dehydration of alcohol	A. 10> 20> 30 B. 10> 30> 20 C. 20> 30> 10 D. 30> 20> 10
4	Vinyl acetylene combines with HCl to form	<ul><li>A. Poly acetylene</li><li>B. Benzene</li><li>C. Chloroprene</li><li>D. Divinylacetylene</li></ul>
5	The molecule of ethane possess which hybrization	A. sp <sup>3</sup> B. sp <sup>2</sup> C. sp D. sp <sup>2</sup> d
6	Meta directing group decreased the of benzene ring	A. Physical activity B. Chemical reactivity C. Density D. None
7	When n-hexane is heated in the presence of Pt at 500°C, it cyclists to give	A. Benzene B. Cyclohexene C. Benzene D. Toluene
8	Which of the following is an ortho-para directing group	
9	The temp. used for the hydrogenation of alkenes using Ni is	A. 2000°C B. 400°C C. 200 300°C D. 1000°C
10	Alkenes normally have geometry	A. Tetrachedral B. Linear C. Planer D. None
11	Which one of the following gases is used for artificial ripening of fruits	A. Ethane B. Ethyne C. Methane D. Propane
12	Which of the following substances is used as an antiknock compound?	A. Tetraethyl lead B. Lead tetrachloride C. Lead acetate D. Ethyle acetate
13	Alkyne is :	A. CH <sub>3-</sub> CH <sub>3</sub> B. CH <sub>4</sub> C. CH <sub>2= </sub> CH <sub>2</sub> D. C <sub>2</sub> H <sub>2</sub>
14	Formula of chloroform is	A. CH <sub>3</sub> CI B. CCl <sub>4</sub> C. CH <sub>2</sub> Cl <sub>2</sub> D. CHCl <sub>3</sub>
15	When benzene is burnt in free supply of air, it is completely oxidized to	A. CO B. CO <sub>2</sub> <sub>+ </sub> H <sub>2</sub> O C. H <sub>2</sub> CO <sub>3</sub> D. None

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16	CnH <sub>2n</sub> is the general formula of	A. Alkanes B. Alkanes C. alkynes D. None of above
17	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
18	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
19	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
20	Kolb's method is not useful for the production of	A. Methane B. Ethane C. Propane D. Butane