

Hydrocarbons

C-	Overtions	Anguaga Chaica
Sr	Questions	Answers Choice
1	Which of one of the following is used as as fumigant:	A. Ethyl alcohol B. ethylene oxide C. ethylene glycol D. diethyl ether
2	Which hydrocarbon molecule would have no effect on the aqueous solution of bromine?	A. CH ₄ B. C ₁₀ H ₂₀ C. C ₂ H ₄ D. C ₂ H ₂
3	Some orchids attracts bees for pollination by producing.	A. alkanes B. almenes C. alkynes D. all the above.
4	Alkanes are least reactive compounds because they are.	A. Saturated hydrocarbons. B. Unsaturated hydrocarbons. C. Both a and b D. None of the above.
5	Dehydration of alcohols can be carried out with.	A. NaOH B. KOH C. H ₂ SO ₄ D. HCI
6	The process which convert vegetable oil into banaspati ghee called.	A. Hydrogenation B. Halogenation C. a and b D. None of these
7	Amont the followign substitution reaction is characteristics of.	A. Alkanes B. Alkenes C. Alkynes D. None of these
8	Hydrogenation of alkenes and alkynes takes place at room temperature in the presence of.	A. Ni B. Pt C. Pd D. Both a and b
9	The end product of oxidation of acetylene is.	A. Propen glycol B. Ethan glycol C. Glyoxal D. Oxalic acid
10	Ethen is prepared by heating a mixture of ethanol and excess of concentrated sulphuric acid at:	A. 150°C B. 180°C C. 250°C - 300°C D. 400°C - 450°C
11	Which one of the following is polmerized to from benzene?	A. ethane B. ethene C. methane D. ethyne
12	Incomplete combustion of alkanes produces.	A. Carbon dioxide only B. Carbon monoxide only C. Carbon monoxide and carbon black D. Carbon dioxide and carbon black
13	The molecular formula of the first three members of the alkane hydrocarbons are CH_4, C_2H_6 and C_3H_8 . What is the molecular formula for the eight alkane member, octane, which is found is petrol?	A. C ₈ H ₈ B. C ₈ H ₁₆ C. C ₈ H ₁₈ D. C ₈ H ₂₀
14	Halogenation of alkanes in the presence of diffused sunlight takes place.	A. Suddenly, only in one step B. Slowly in one step C. In a series of step D. Fastly in two steps
15	Oxidation of alkenes forms:	A. Glycol B. Glyoxal C. Formic acid D. Oxalic acid

16	The end product of oxidation of acetylene is .	A. Oxalic acid B. Glyoxal C. Glycol D. None of these
17	Carbon black is used in the manufacture of.	A. Dry cleaningB. Shoe polishes.C. FertilizerD. None of these
18	Which one of these is a saturated hydrocarbon?	A. C ₂ H ₄ B. C ₃ H ₆ C. C ₄ H ₈ D. C ₅ H ₁₂
19	Benzene is formed by the polymerization of.	A. Alkene B. Alkane C. Acetylene D. Methane.
20	If an organic compound has 4 carbon atoms, all singly bonded, it will have the following characteristics except one.	A. It will be saturated hydrocarbon B. It will hav 8 hydrogen atoms C. Its name will be n-butane. D. It will be least reactive.