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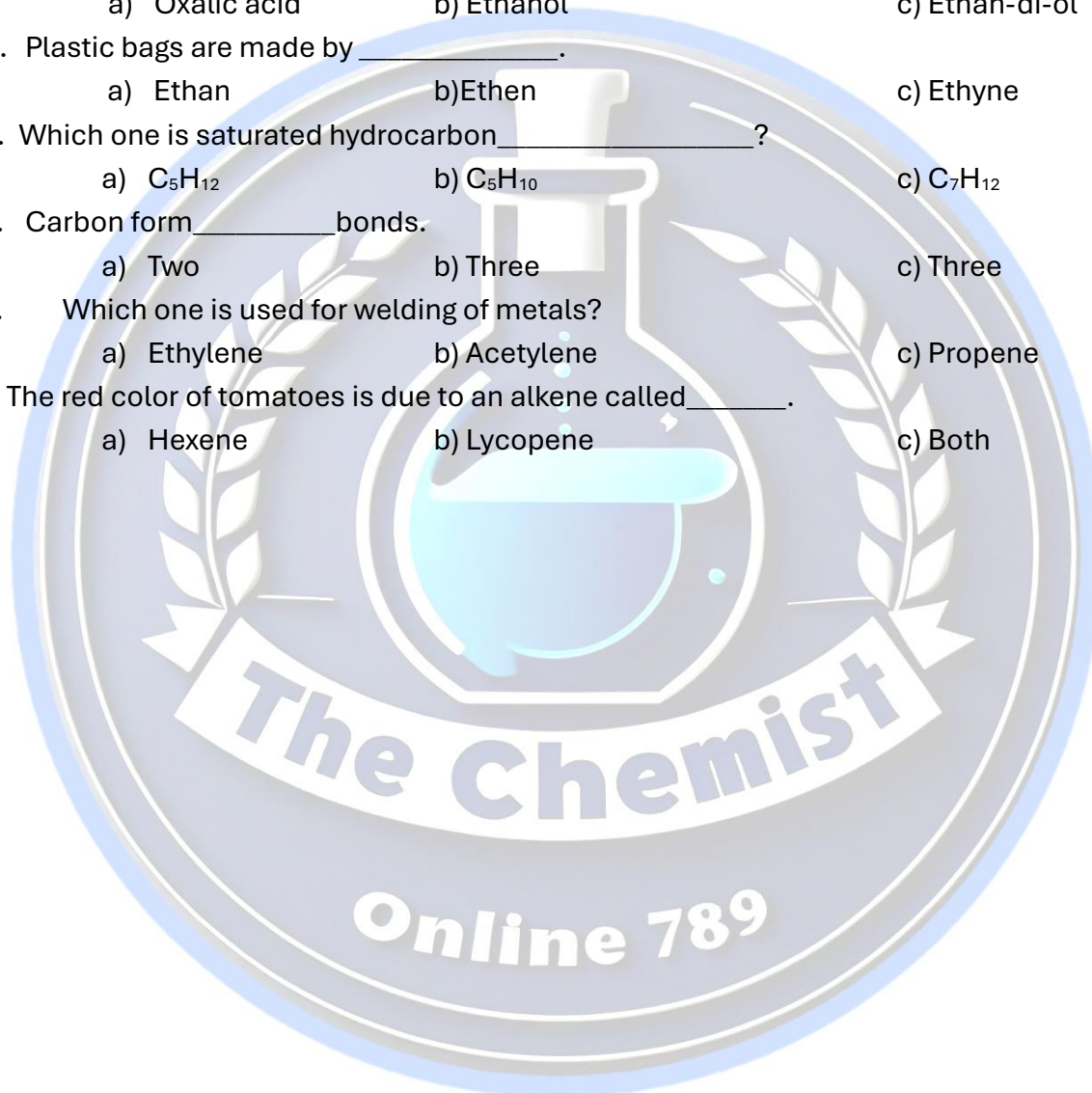
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Choose the correct option.

- i Organic compounds are also called _____.
- a) Hydrocarbons b) Inorganic compounds c) Both
- ii Hydrocarbon contain mainly _____ and _____.
- a) C,O b) C,H c) C,N
- iii Fossil fuels are _____.
- a) Hydrocarbons b) Organic compounds c) Both
- iv Isobutane is _____ compound.
- a) Open Chain b) Closed chain c) None
- v Open chain hydrocarbons are also called _____ hydrocarbons.
- a) Aliphatic b) Cyclic c) Both
- vi The molecular formula for an alkane having value of n=9 is _____.
- a) C_9H_{18} b) C_9H_{20} c) C_9H_{16}
- vii The general formula for alkyne is _____.
- a) C_nH_{2n} b) C_nH_{2n-2} c) C_nH_{2n+2}
- viii The molecular formula of Pentene is _____.
- a) C_5H_{12} b) C_5H_8 c) C_5H_{10}
- ix Octyne is _____ hydrocarbon.
- a) Saturated b) Unsaturated c) Both
- x Unsaturated hydrocarbons are further calssified into _____ classes.
- a) One b) Two c) Three
- xi Alkane is _____ hydrocarbon.
- a) Sturated b) Unsaturated c) None
- xii In $CH_2=CH_2$, functional group is _____.
- a) C b) H c) Double bond
- xiii Alkanes are also called _____.
- a) Paraffins b) Olefins c) None
- xiv Alkanes are called parafins due their _____.
- a) C b) Saturation c) Low reactivity
- xv Which one of the following is simplest alkane _____.
- a) Methan b) Ethane c) Propane
- xvi Alkanes can be prepare from _____.
- a) Alkenes b) Alkynes c) Both

- xxxvii. Molecular formula of heptene is _____.
- a) C_7H_{14} b) C_7H_{16} c) C_7H_{12}
- xxxviii. Removal of water is called _____.
- a) Halogenation b) Dehydration c) Hydrogenation
- xxxix. Dehydration of alcohol is _____ reaction.
- a) Addition b) Elimination c) None
- xl. Dehydrohalogenation mean removal of _____.
- a) C & H b) C & O c) H & Halogen
- xli. For dehydrohalogenation of alkyl halides _____ used.
- a) Alcoholic KOH b) KOH c) Alcohol
- xl.ii. Butene is _____.
- a) Gase b) Solid c) Liquid
- xl.iii. Alkenes are _____ in nature.
- a) Polar b) Non-polar c) None
- xl.ii. Alkenes are reactive than alkane due to _____.
- a) Single bond b) Double bond c) Triple bond
- xl.v. Alkenes give _____ reaction.
- a) Elimination b) Addition c) Displacement
- xl.vi. Reaction of Br_2 with alkene can be use for _____ test.
- a) Saturation b) Unsaturation c) None
- xl.vii. Reactivity of metals _____ across a period.
- a) Increase b) decrease c) Both
- xl.viii. Bromination of alkene is _____ reaction.
- a) Addition b) Elimination c) None
- xl.ix. Reaction of alkene with alkaline $KMnO_4$ is known as _____ test.
- a) Baeyer's b) Hydrogenation c) None
- l. Hydrogenation of alkenes are used to convert _____ to _____.
- a) Vegetable oil, Banspati b) Banspati, Vegetable oil c) None
- li. _____ is used for artificial ripening of fruits.
- a) Ethen (ethylene) b) Propene c) Hexene
- lii. Which gase is produce by banana?
- a) Ethene b) Propene c) Butene
- liii. Alkynes are _____ hydrocarbon.
- a) Saturated b) Unsaturation c) Both
- liv. Simplest alkyne is _____.
- a) Ethyne b) Propyne c) Butyne
- lv. Ethyne is also called _____.
- a) Acetylene b) ethylene c) Both
- lvi. Condensed structural formula of 2-butyne is _____.
- a) $CH_3=CH-CH_2-CH_2-CH_3$ b) $CH_3-CH=CH-CH_2-CH_3$ c) None
- lvii. Which one is vicinal dihalide?

- a) $\text{CH}_2\text{Cl}-\text{CH}_2-\text{CH}_2\text{Cl}$ b) $\text{CH}_2\text{Cl}-\text{CHCl}-\text{CH}_3$ c) Both
- lviii. Which one is more reactive__?
a) Alkane b) Alkene c) Alkyne
- lix. Halogenation of alkynes give_____.
a) Dihalide b) Trihalide c) Tetrahalide
- lx. Oxidation of ethyne by alkaline KMnO_4 gives _____.
a) Oxalic acid b) Ethanol c) Ethan-di-ol
- lxi. Plastic bags are made by _____.
a) Ethan b) Ethen c) Ethyne
- lxii. Which one is saturated hydrocarbon_____?
a) C_5H_{12} b) C_5H_{10} c) C_7H_{12}
- lxiii. Carbon form _____ bonds.
a) Two b) Three c) Three
- lxiv. Which one is used for welding of metals?
a) Ethylene b) Acetylene c) Propene
- lxv. The red color of tomatoes is due to an alkene called _____.
a) Hexene b) Lycopene c) Both



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