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CHM102 =====	
1. One of	these statements is not true
	> Alkanes burn in excess of air or oxygen to give xide and water
	Combustion is highly exothermic
	the heat of combustion of pentane is 2549 KJmol-1
	Combustion is the most important reaction of alkanes
2. All but	one of these is involved in alkylation
	ethyne
	sodium amide
	Grignard reagent
>>	> Diels-Alder reagent
3. One of	the statements is not true of dienes.
	They general formula Cn H2n-2
	They are called diolefins
	They are isomeric with alkynes
	divided into two main classes depending on the relative of the two double bonds in the molecule:
4. which exhi	_ can be defined as an atom or group of atoms in a molecule bits characteristic chemical properties
	hybridization
>>	> functional group
	covalent bond
	ionic bonding
5	best describes the functional group of an alkene.
	/(Câ″€C/)
>>	> /(C=C/)
	/(C=O?0
	/(Câ‰;C/)
6. Hydroca	rbon can be classified as

alkane, alkene, alkyne

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ester, ketone, aldehyde
     --->> aliphatic, alicyclic, aromatic
7. Addition of ethyne to sodamide in ether yields sodium etynide and one
of the following compounds
     --->> ammonia
           water
           Hydrogen sulphide
8. Reactions that lead to the attachment of an alkyl group to a molecular
fragment are called _____.
           dealkylation
           esterification
           carboxylation
     --->> alkylation
9. A catalyst mixed with a selective inhibiting agent is called
catalyst.
           Basic
           Neutral
     --->> Poisoned
           Acidic
            _____ alkynes, the triple bond lies at the end of the
10. In the
carbon chain.
           Internal
           external
     --->> terminal
           interim
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amine, amide, imine