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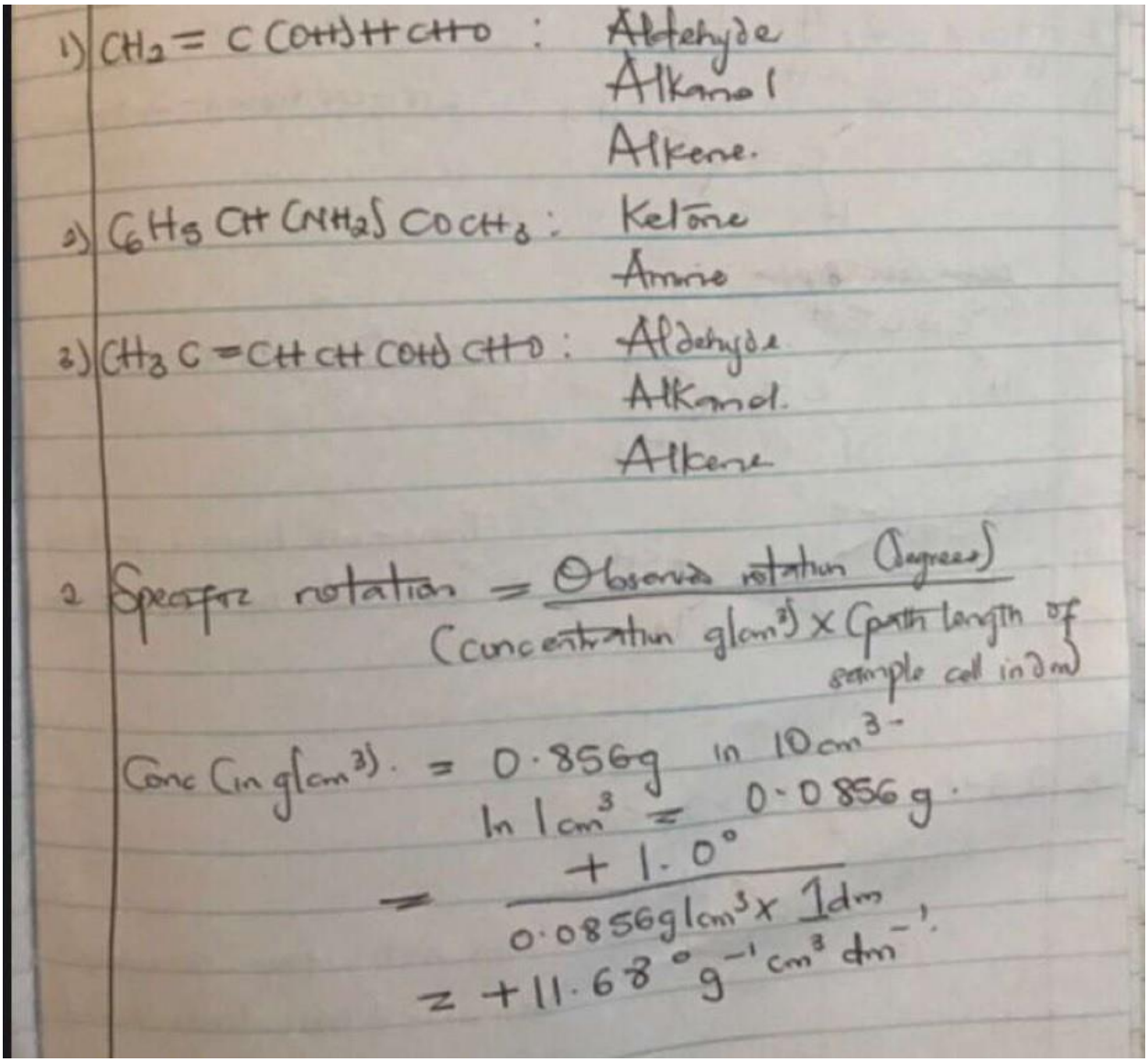
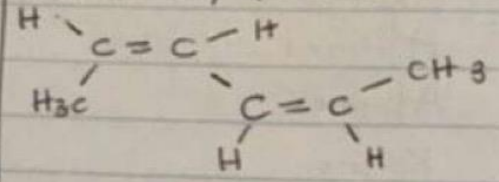


3) Possible geometric Isomers of

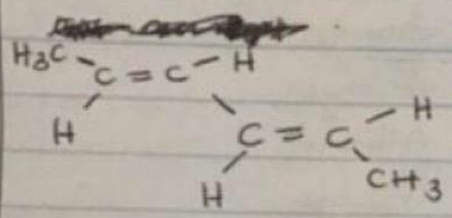
A Hexa-2,4-diene

B 2,3-Dimethyl but-2-ene

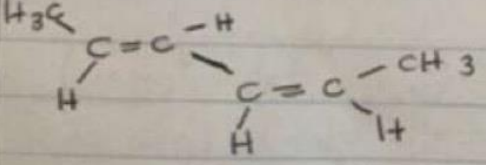
A Hexa-2,4-diene

1) 

cis-cis hexa-2,4-diene

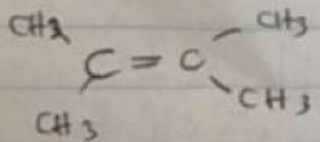
2) 

Trans-Trans hexa 2,4-diene

3) 

Trans-cis hexa 2,4-diene
or
cis-Trans hexa 2,4 diene

B 2,3-Dimethyl but-2-ene



can not form geometric isomers. Each double bonded carbon has identical groups