

~~GRADAJAYE~~

GRADAJAYE VICTOR MUDIAGA

19/MHS01/156

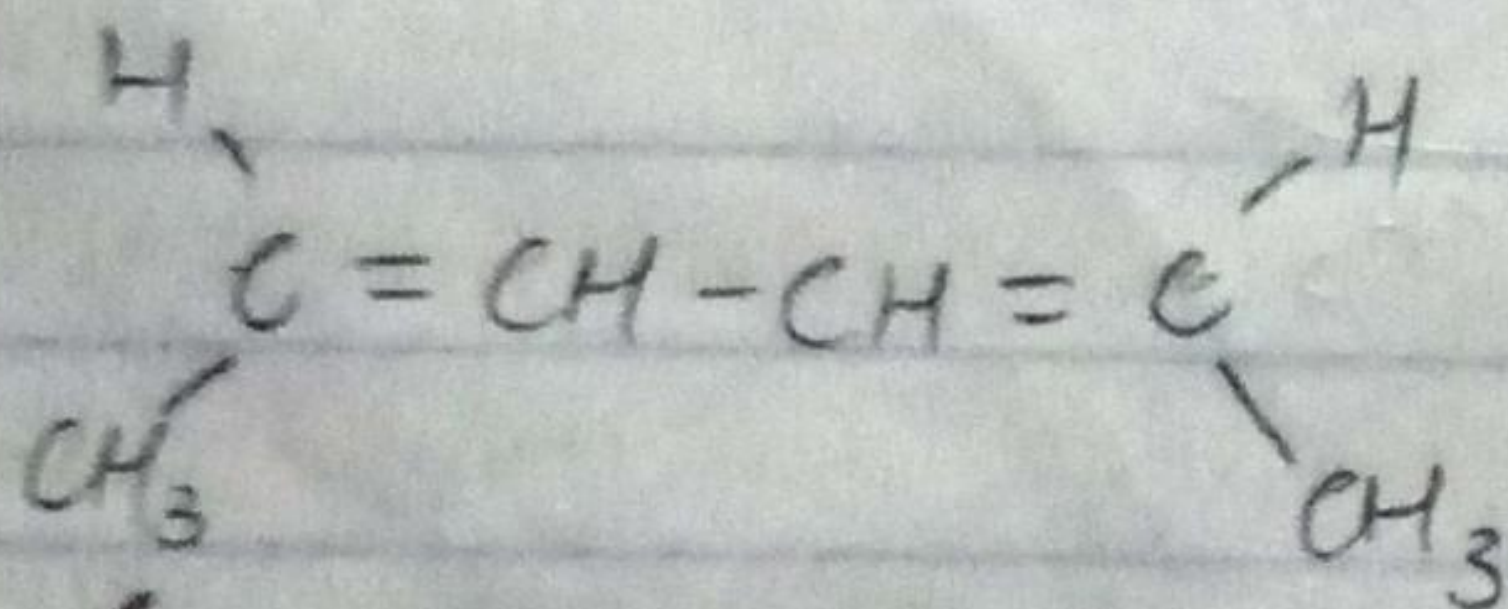
CHM 102

- i) Alkenes, Alcohols, Aldehyde
- ii) Ether, Amine
- iii) Alkene, Alcohol, Aldehyde

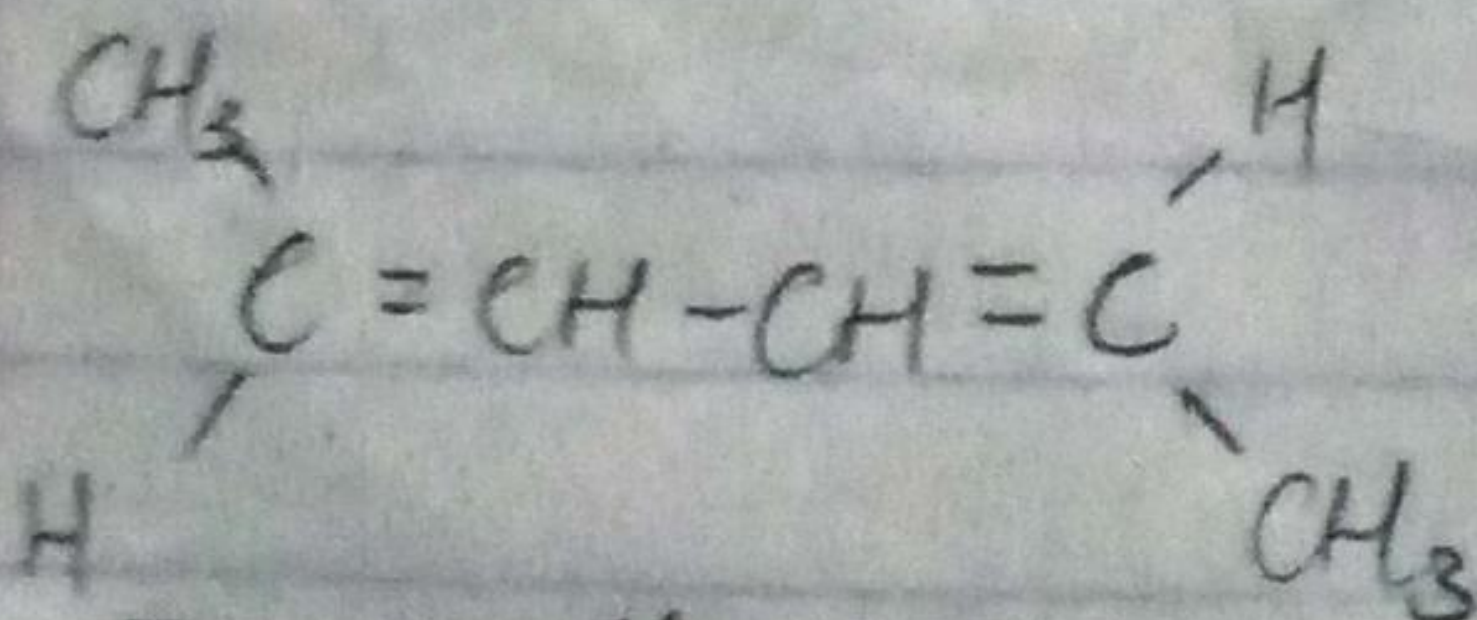
2. Specific Rotation = $\frac{\text{Observed Rotation}}{(\text{Conc. g/cm}^3) \times (\text{path length of sample cell in dm})}$

$$= \frac{+1}{0.0856 \times 1}$$
$$= 11.68^\circ \text{g}^{-1} \text{cm}^2 \text{dm}$$

3. Hexa-2,4-diene

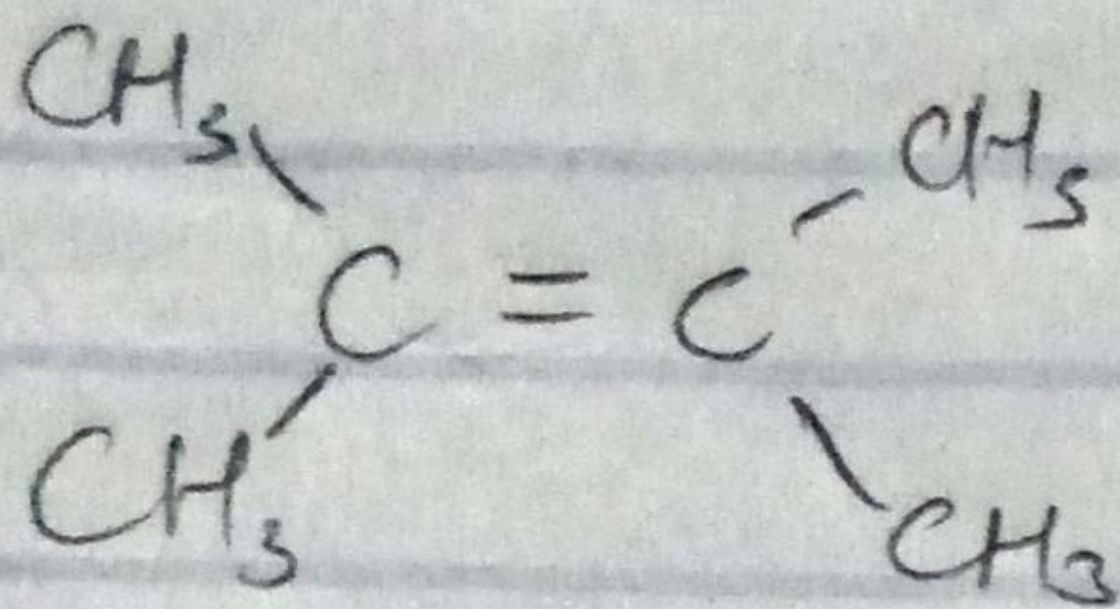


Cis-Hexa-2,4-diene



Trans-Hexa-2,4-diene

ii 2,3-dimethylbut-2-ene



No possible geometric isomers for 2,3-dimethylbut-2-ene