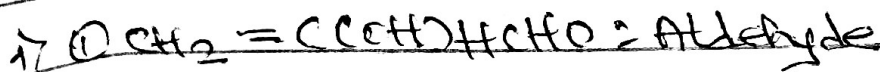


Ayaleji Mesiyafduca Gedara

Computer Engineering

19/ENG02/006

chemistry 102 assignment



Alkane



Amine



Alkane

2)  $[\alpha]_D^{25} = \alpha$

(Tartaric acid -  $\text{C}_4\text{H}_6\text{O}_6$ )

C-L

$$\alpha = +1.0^\circ$$

$$\text{conc. in g/cm}^3 = 0.856 = 0.0865 \text{ g/cm}^3$$

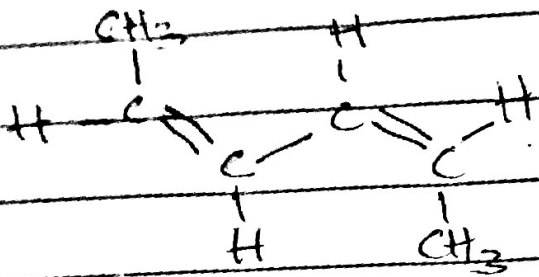
10

$$\therefore \alpha = \frac{+1.0}{0.0865} = 11.68^\circ$$

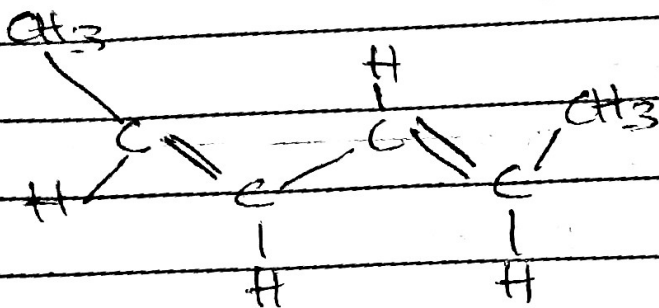
C-L

$$0.0865$$

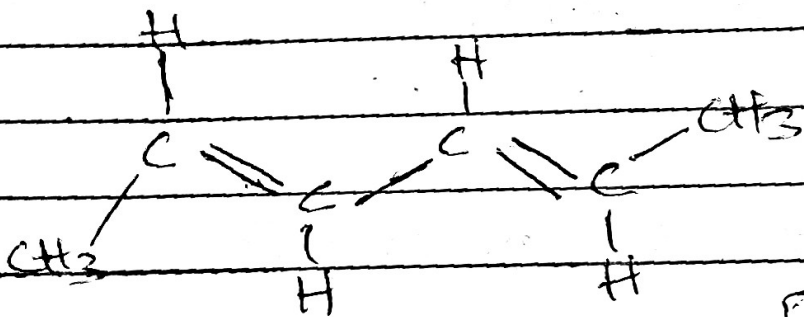
3) Hexa-2,4-diene



[cis-cis hexa-2,4-diene]



[cis-trans hexa-2,4-diene]



[trans-trans hexa-2,4-diene]

(11) 2,3-dimethyl but-2-ene

