

TABUGBO CHUKWUSOM TABSON

MBBS / MHS

19/MHS01/402

Chemistry 102 Assignment

1) i) • Alkene

~~•~~ Hydroxyl group

~~•~~ Aldehyde group

ii) Amine group

Alkyne or ~~Alkene~~

iii) Alkene

Hydroxyl group

Aldehyde group

2 0.856 g of in 10 cm^3 of solution

(Note: $1 \text{ cm}^3 = 1 \text{ ml}$
 $10 \text{ cm}^3 = 10 \text{ ml}$)

$$(0.856 \times 10)$$

$$= 0.0856 \text{ g ml}^{-1}$$

$$\therefore [a]_t = a / lc$$

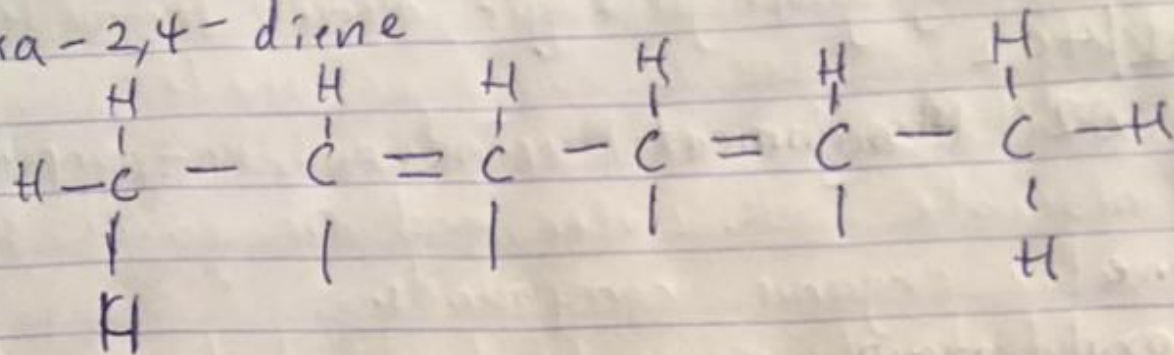
$$\text{So, } [a]_0^{2010} = \frac{+1.0^\circ}{(1.00 \text{ dm})(0.0856)}$$

$$= \frac{+1.0}{(1 \times 0.0856)} = +11.68$$

$$(1 \times 0.0856)$$

hence, $\therefore \underline{\underline{11.68}}$

3i) hexa-2,4-diene



ii) 2,3-dimethylbut-2-ene

