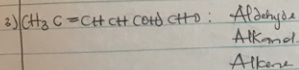
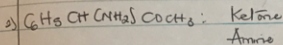
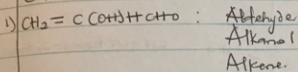


AMUSAN BLOSSOM OLUWATIMILETHIN.

19/11/2019

MEDICINE & SURGERY

CTM 102.



$$2) \text{ Specific rotation} = \frac{\text{Observed rotation (degrees)}}{(\text{Concentration } \text{g cm}^{-3}) \times (\text{Path length of sample cell in dm})}$$

$$\text{Conc (in } \text{g cm}^{-3}\text{)} = 0.856 \text{ g in } 10 \text{ cm}^3$$

$$\text{in } 1 \text{ cm}^3 = 0.0856 \text{ g.}$$

$$= \frac{+1.0^\circ}{0.0856 \text{ g cm}^{-3} \times 1 \text{ dm}}$$

$$= +11.68^\circ \text{ g}^{-1} \text{ cm}^3 \text{ dm}^{-1}$$

