

NAME:

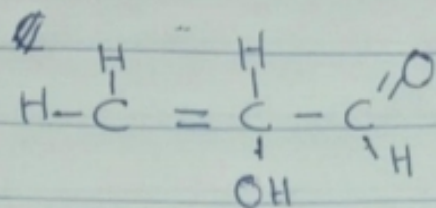
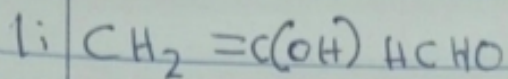
ADESAMUEL

OLUWADAMILOLA

FAITH

MATRIC NO: 19/MH501/038

DEPARTMENT: MEDICINE AND
SURGERY

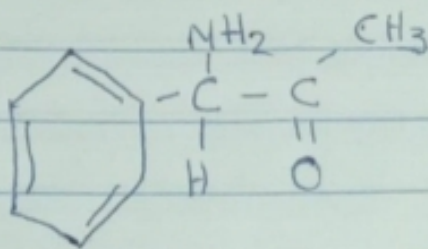
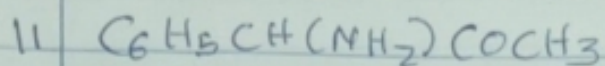


Present Functional groups are

i) ~~Double~~ bond chain (Alkene)

ii) OH - hydroxyl group

iii) $\text{C} \begin{array}{l} // \text{O} \\ \text{H} \end{array}$ - Alkanol

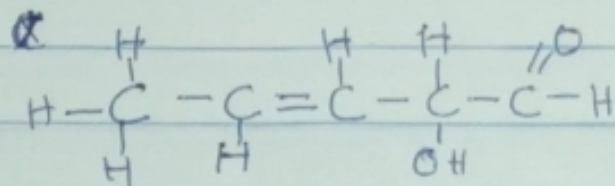
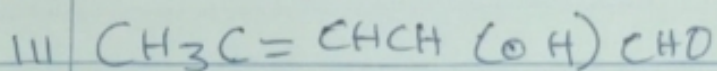


Present Functional groups are

i) Phenyl group (C_6H_5) with double bonds

ii) Amine

iii) Alkanone ($\text{C} \begin{array}{l} \text{O} \\ || \\ \text{R} \end{array}$)



Functional groups are

(i) Alkene ($\text{C}=\text{C}$)

(ii) Hydroxyl group (OH)

(iii) Alkanol ($\text{C}-\text{H}$)

Recall, $[\alpha]_D^{25} = \frac{\alpha}{L \times c}$

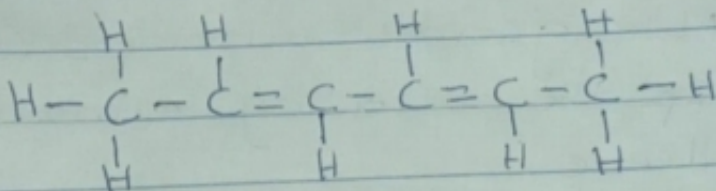
where L = length, $c = \frac{\text{mass}}{\text{volume}}$ (g/dm)

α = Observed rotation

$$S_n = \frac{1.0}{1.0 \times \left(\frac{0.856}{10}\right)}$$

$$= \frac{1}{0.0856} = 11.68$$

3 Hexa-2,4-diene



fi 2,3-Dimethylbut-2-ene

