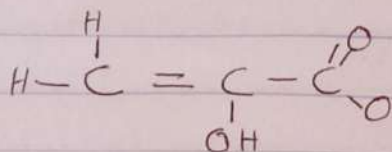
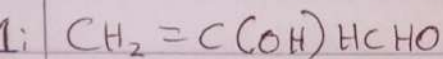


Name:- Olatunji Imoleayo Oluwaseyifunmi

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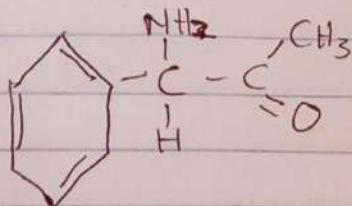
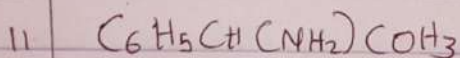
College :- Medicine and Health Sciences



* Alkene

* Hydroxyl group

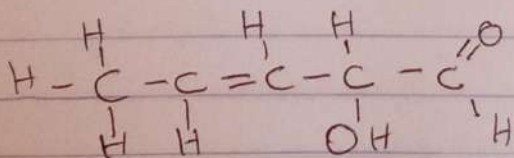
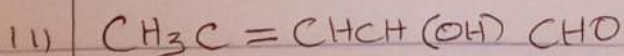
* Alkanol



* Phenol group with double bond

* Amine

* Alkanone



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

Where L = Length of sample

c = mass (g/dm^3) or (g/mol)
Volume

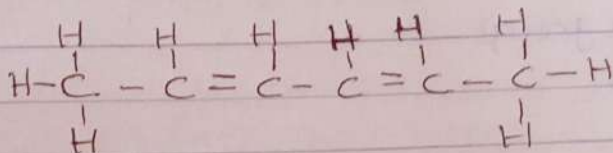
α = Observed rotation

$$S\alpha = 1.0$$

$$1.0 \times \frac{0.856}{10}$$

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

3i) Hexa-2,4-diene



ii) 2,3-dimethylbut-2-ene

