

Ekwueme EBUKA valentine

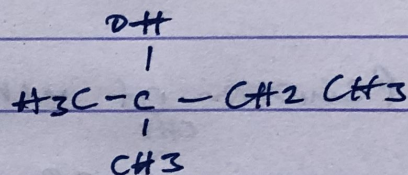
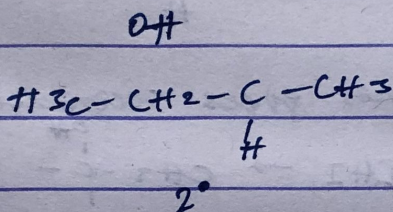
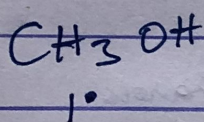
16/Eng02f 014

Computer Engineering

CHM 102

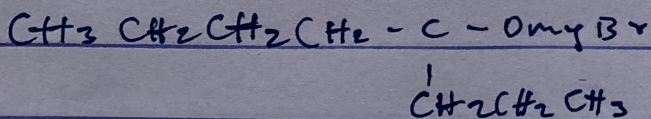
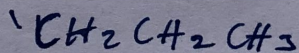
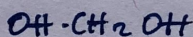
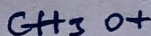
Assignment

- 1) two major way of classifying alkanols are:
i) based on the number of hydrogens attached to the carbon atom with the functional group.

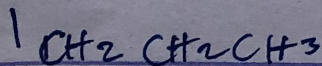
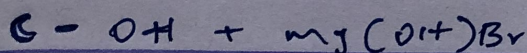
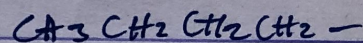


- ii) based on the number of [OH] present ex:

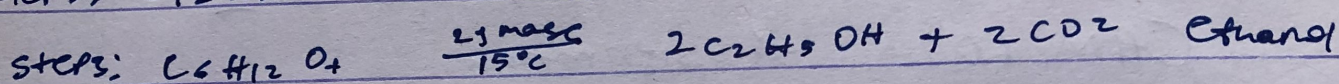
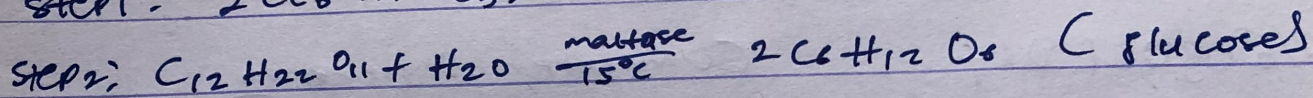
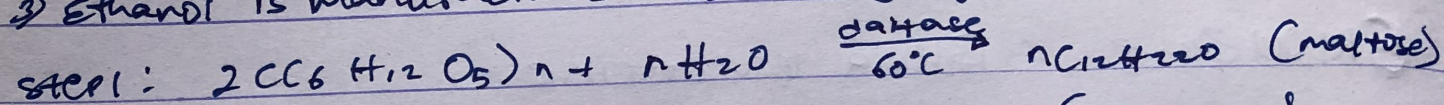
monohydric, dihydric, trihydric, polyhydric



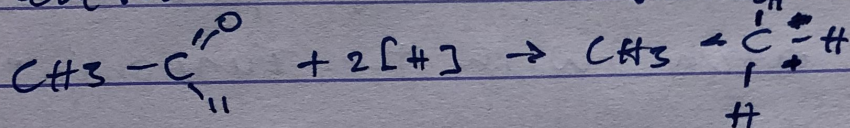
hydrolysis
H + OH



3) Ethanol is manufactured industrially by Fermentation



4) Reduction of alkanols gives off Primary alkanols



Reduction of alkanones gives secondary alkanols

