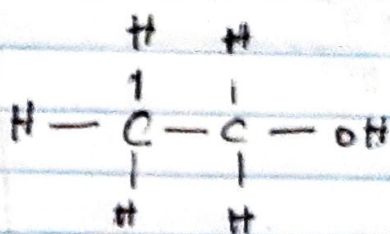


Name: Mbaduwe Chukwudike Godfrey 19' M#501/242

Assignment

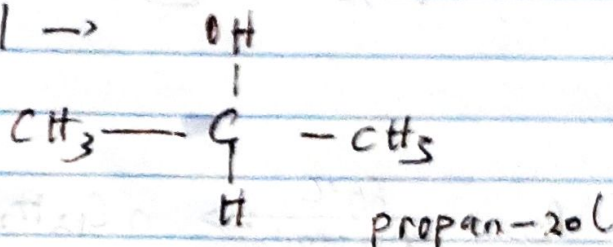
a) Classification based on the number of hydrogen atoms attached to the carbon atom carrying the hydroxyl group e.g

i) Primary (1°) alcohol →



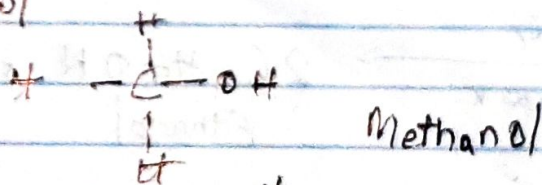
Ethanol

ii) Secondary (2°) alcohol →

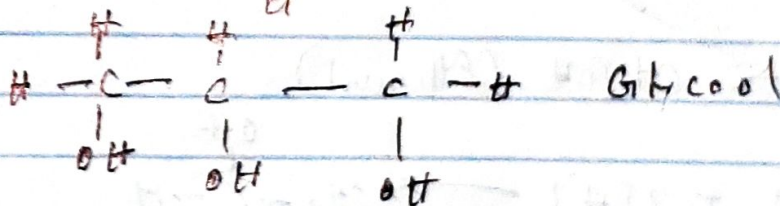


b) Classification based on the number of hydroxyl (OH) in the structure of the alcohol

i) Monohydric →



ii) Trihydric →



2) Grignard reagent → Ethyl Magnesium Bromide
 $\text{C}_2\text{H}_5\text{MgBr}$

ketone → Octan-4-one

