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Geology

Assignment

1a. aldehyde group, hydroxyl group, and double bond

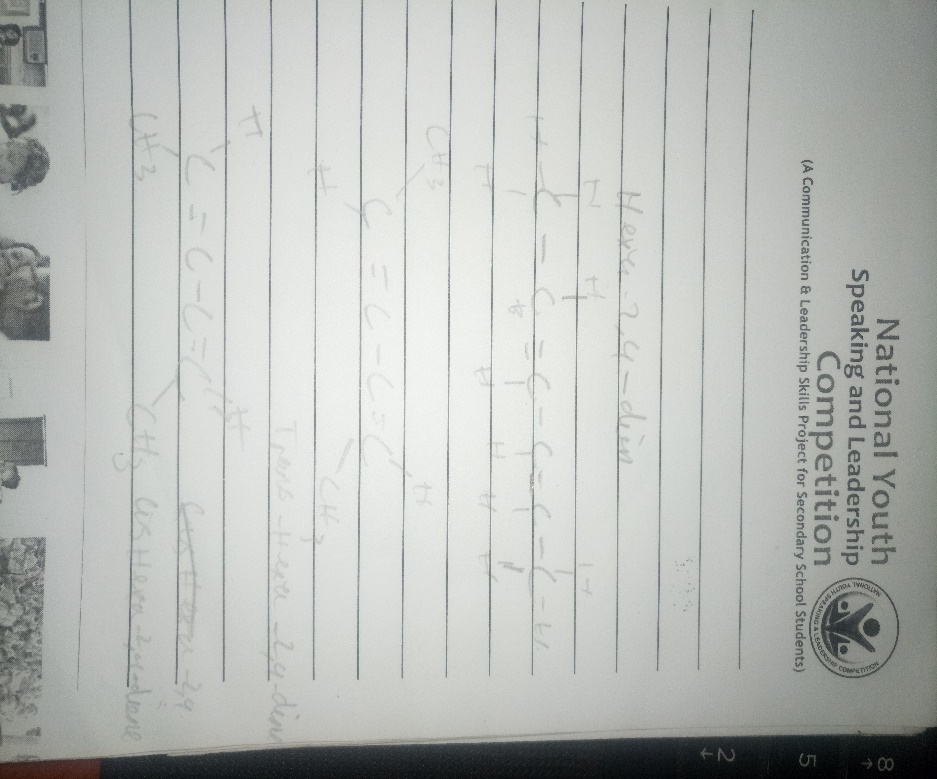
b. phenyl group, carbonyl group, amine group

c. hydroxyl group, adhyde group and double bond

2. 0.856g to cm3=0.0856g/cm3

To specific rotation= observed rotation/conc. \* path length of sample cell

=1.0\*0.0856\*1=11.68=11.7g^1cm^3dm^-1

3.a

b.this does not have a geometric isomers because there are two identical groups attached to the same carbon of the double bond