

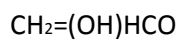
ADOOH NORNUBARI FAVOUR

19/MHS01/045

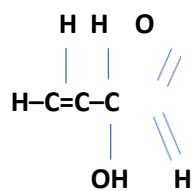
MEDICINE AND SURGERY

CHEMISTRY ASSIGNMENT

Name the functional group present in each of the following molecules



The structural formula



Functional parents

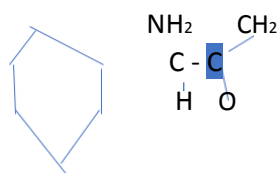
Double bond chain (Alkene)

OH hydroxyl group

Alkanol



The structural formula



Functional groups present

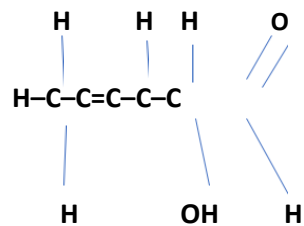
Phenyl group double bonds

Amine

Alkanone / ketone



The structural formula



Functional groups present.

Alkene

Hydroxyl group  
Alkanol

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

Where,

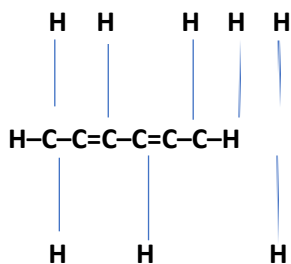
L = length of sample

C = [ ] or \_\_\_\_\_

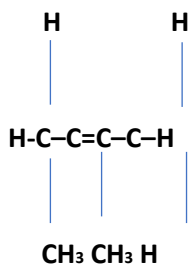
$\alpha$  = observed rotation

$\alpha = \frac{[\alpha]_D^{25} \times L \times C}{100}$

Draw the possible geometric isomers (where possible) for each of the following compounds I.  
Hexa-2,4-diene



2,3- Dimethylbut-2-ene



OR

