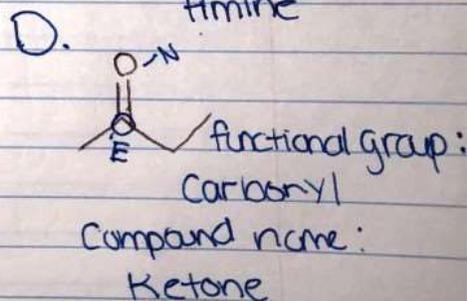
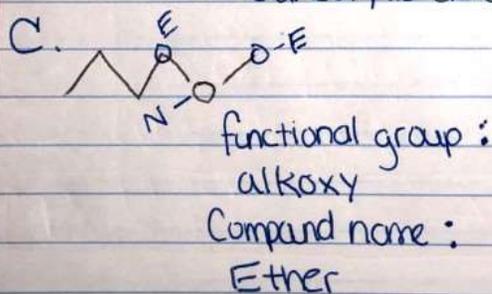
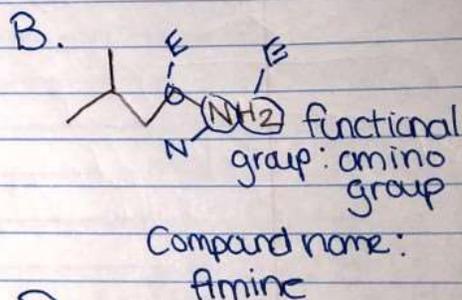
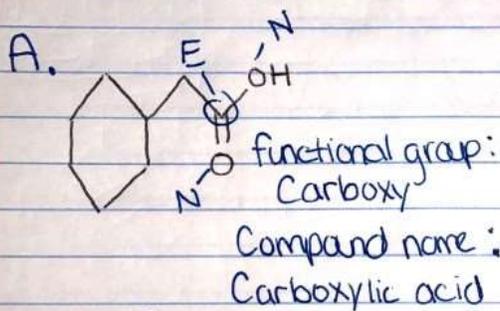
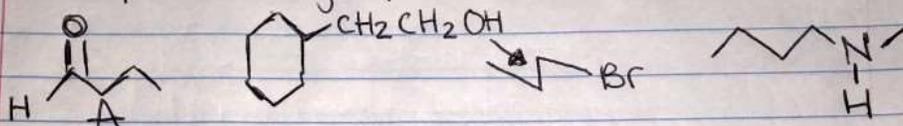


1 Jordan Lewis

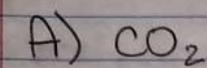
9/2/2020

1. Identify functional group and also the name of the compound.



2 Mark all the electrophilic and nucleophilic sites on all structure of problem 1.

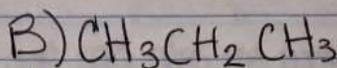
3. Give all the intermolecular forces in the molecules below, circle the main force.



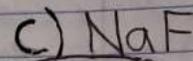
Dispersion

London forces

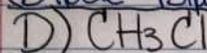
Dipole-Dipole



London Force

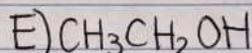


ion-ion



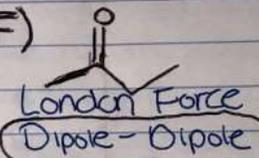
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London force

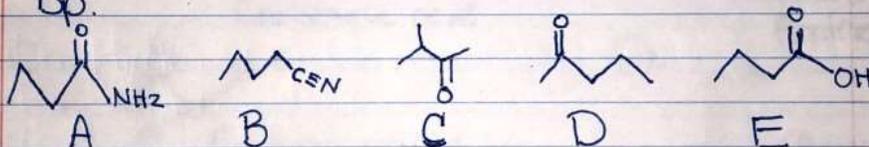


Dipole-Dipole

Hydrogen Bonding

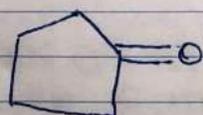


4. Compare the boiling point, order them with increasing bp.

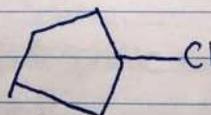


B < D < C < A < E

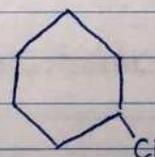
5. Water soluble or not?



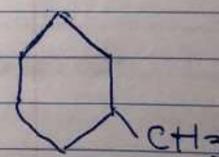
Soluble



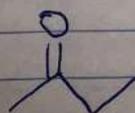
not
Soluble



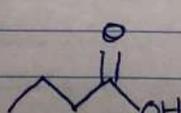
not soluble



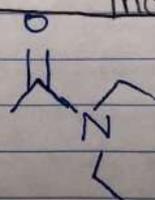
not soluble



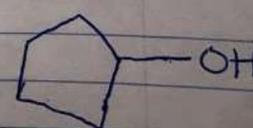
Soluble



Soluble



Soluble



Soluble