

R = primary  
1 R group

R' = secondary  
2 R groups

R'' = tertiary  
3 R groups

Functional Group

General Formula

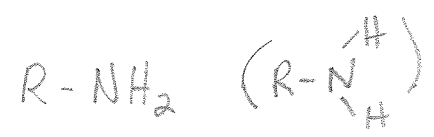
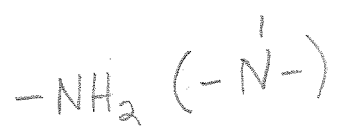
ether



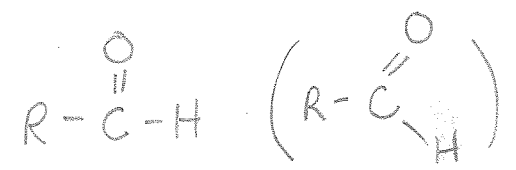
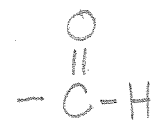
alcohols



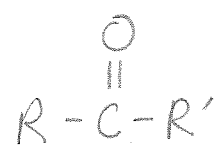
amine



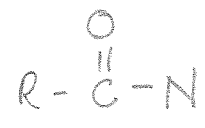
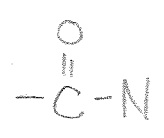
aldehyde



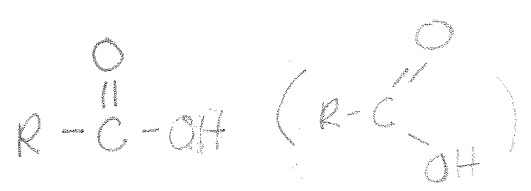
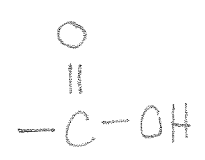
ketone



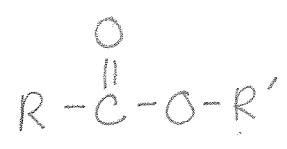
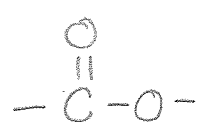
amide



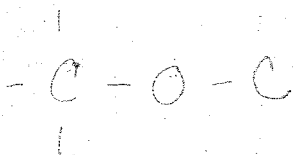
carboxyl



ester



Formula

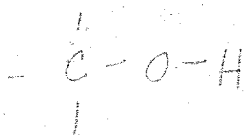


Family Name

ethers ( $\text{CH}_3\text{OCH}_3$ )

Group Name

ether



alcohol ( $\text{CH}_3\text{OH}$ )

hydroxyl

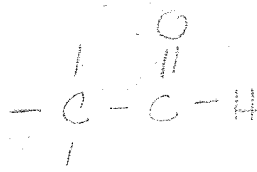


Family Name

Amine ( $\text{CH}_3\text{NH}_2$ )

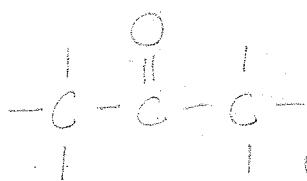
Group Name

Amine



Aldehyde ( $\text{CH}_3\text{CH}$ )

Aldehyde

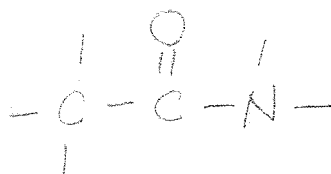


Family Name

Ketone ( $\text{CH}_3\text{CCH}_3$ )

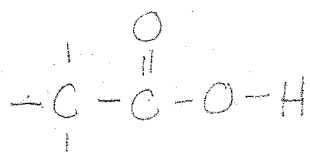
Group Name

Ketone



Amide ( $\text{CH}_3\text{CNH}_2$ )

Amide

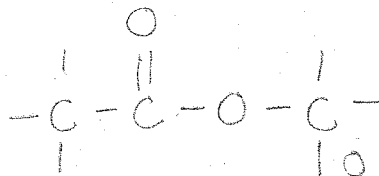


Family Name

Carboxylic ( $\text{CH}_3\text{COH}$ )

Group Name

Carboxyl



Ester ( $\text{CH}_3\text{COCH}_3$ )

Ester