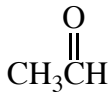
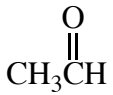
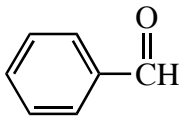
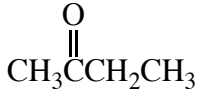
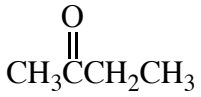
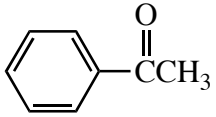
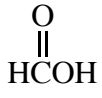
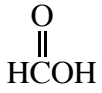
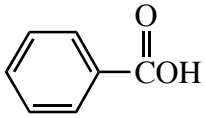
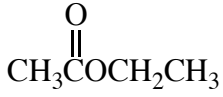
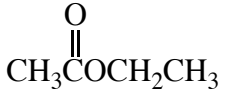
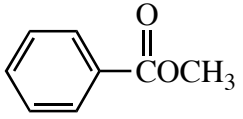
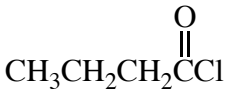
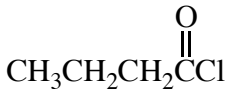
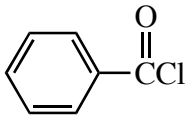
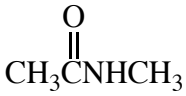
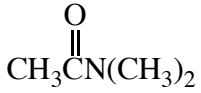
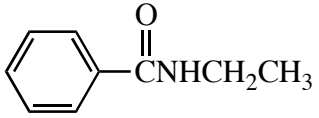
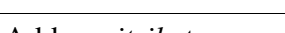
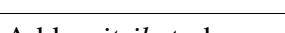
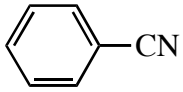
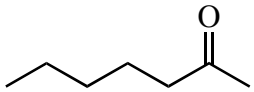
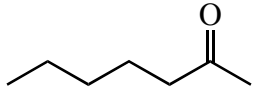
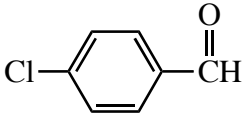
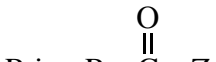
	Common *use common prefix name (see p. 2)*	**IUPAC**	**Attached to a Phenyl Ring**
Aldehyde	Add *–aldehyde* to common prefix name 	Change *–e* to *–al* in base name 	*-benzaldehyde* 
Ketone	Name 2 groups on carbonyl & add *–ketone* 	Change *–e* to *–one* in base name. Indicate location of carbonyl with a number. 	Add *–ophenone* to common prefix name 
Carboxylic Acid	Add *–ic acid* to common prefix name 	Change *–e* to *–oic acid* in base name 	*–benzoic acid* 
Ester	Name alkyl group on carboxylate O + add *–ate* to common prefix name 	Name alkyl group on carboxylate O + change *–e* to *–oate* in base name 	Name alkyl group on carboxylate O + add suffix *–benzoate* 

Acid Halide	Add *–yl* halide to common prefix name 	Change *–e* to *–oyl* halide in base name 	*–benzoyl halide* 
Amide	Add *–amide* (alkyl groups on N designated with *N* and named 1st) 	Change *–e* to *–amide* (alkyl groups on N designated with *N* and named 1st) 	*–benzamide* 
Nitrile	Add *–onitrile* to common prefix name 	Add *–nitrile* to base name (**carbon of –CN included when counting) 	*–benzonitrile* 
Numbering Substituents	Use Greek numbers starting from α-carbon 	Use numbers. Carbonyl carbon gets a number 	Number or use *o, m, p* 
Common Prefix Names	R in: 	R = H “form” R = CH_3- “acet” R = CH_3CH_2- “propion” R = $CH_3CH_2CH_2$- “butyr”	R= $CH_3CH_2CH_2CH_2$- “valer” R= $CH_3CH_2CH_2CH_2CH_2$- “capro” R= $CH_3(CH_2)_{10}$- “laur” R= $CH_3(CH_2)_{16}$- “stear”

Priority: acid > anhydride > ester > acid halide > amide > nitrile > aldehyde > ketone > alcohol > amine > ether