

1. While doing IUPAC naming ,substituents will be written in alphabetical order along with the number indicating their position.

2. IUPAC naming of Open chain compounds:

- For IUPAC naming of aldehydes, replace alkane with alkanal.

$\text{CH}_3\text{CH}_2\text{CH}_3$  - propane

$\text{CH}_3\text{CH}_2\text{CHO}$  - propanal

- For IUPAC naming of ketones, replace alkane with alkanone.

$\text{CH}_3\text{CH}_2\text{CH}_3$  - propane

$\text{CH}_3\text{COCH}_3$  - propanone

3. IUPAC naming of cyclic compounds:

- For IUPAC naming of cyclic aldehydes, replace cycloalkane with cycloalkanal.
- For IUPAC naming of ketones, replace cycloalkane with cycloalkanone.