





### IUPAC name

#### ① Open Chain Aldehydes-

tips -

① Replace alkane with 'al'.

② Find the longest chain containing the aldehyde group.

③ Numbering from aldehyde group.

④ Substituents will be ~~not~~ written in alphabetical order along with numbers indicating their position (in prefix).

#### ② Cyclic Aldehydes-

tips -

① Write the corresponding alkane and then add carbaldehyde.

② Numbering will start from the carbon attached to -CHO group.

### ③ Open Chain Ketone -

Steps -

- ① Find the longest chain containing Carbonyl group with minimum no of the Carbonyl Carbons.
- ② Indicate the position of the Carbonyl group.

### ④ Cyclic Ketone -

Steps -

- ① Replace Cycloalkane with Cycloalkanone.
- ② Numbering will start from the Carbonyl group in the ring.