



Unit 1 : Organic Chemistry

Lesson 9 : Nomenclature of Aldehydes & Ketones (2)

Direction : Watch video and answer questions below.

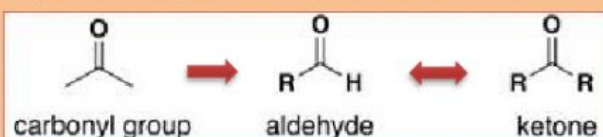
PART1: GENERAL ABOUT ALDEHYDES & KETONES.

WATCH OUR VIDEO



Nomenclature of Ketones

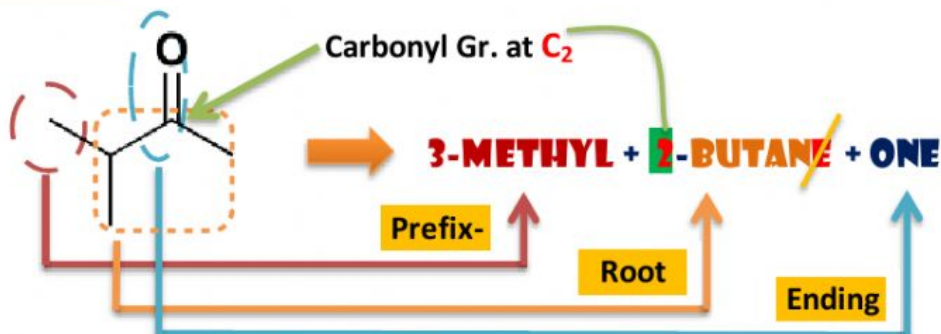
Aldehydes and ketones are organic compounds which incorporate a carbonyl functional group, $C=O$. The carbon atom of this group has two remaining bonds that may be occupied by hydrogen, alkyl or aryl substituents. If at least one of these substituents is hydrogen, the compound is an aldehyde. If neither is hydrogen, the compound is a ketone.



PART2: NOMENCLATURE OF ALDEHYDES & KETONES.

KETONE COMPOUNDS/ CARBONYL GROUP

Example 2 : Nomenclature of Ketone compound.



IUPAC Name : 3-methyl-2-butanone.

REVIEWS & PROBLEMS (1)

Ref : shorturl.at/quvBH

Match IUPAC's name with structure.

- I. 3-Hexnone II. 2-Pentanone III. 2,4-dimethyl-3-pentanone

