A ketone is a carbonyl compound in whose molecule the carbonyl carbon is bonded to two carbon atoms.

eg:

\[
\begin{align*}
\text{CH}_3 & - \text{C} = \text{O} - \text{CH}_3 \text{CH}_3 \\
\text{CH}_3 & - \text{C} = \text{O} - \text{C}_6\text{H}_5
\end{align*}
\]

The carbonyl group in a ketone is called the keto group.

see also cyclic ketone, symmetrical ketone, unsymmetrical ketone, methyl ketone

Contributors

- Gamini Gunawardena from the OChemPal site (Utah Valley University)