

Chapter 01

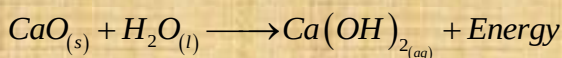
CHEMICAL REACTIONS & EQUATIONS

Exothermic and Endothermic reactions:

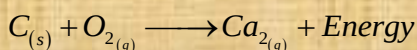
Exothermic reactions:

The reactions in which energy is released in the form of heat are known as exothermic reactions.

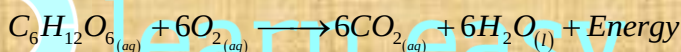
- Reaction of Quick lime with water



- Burning of coal (or) carbohydrates in presence of oxygen



- Respiration Burning of Glucose to release carbon dioxide



Endothermic reactions: The reactions in which energy observed in the form of heat light and electricity are known as endothermal reactions.

- Reactions like Thermal decomposition, photolytic decomposition and electrolytic decomposition are examples of endothermic reactions.

