

Distinguish, differentiate, compare and explain what is the difference between aerobic and anaerobic respiration. Comparison and Differences.

## **Difference between Aerobic and Anaerobic Respiration**

S.No.	Aerobic Respiration	Anaerobic Respiration
1	It is the process of breakdown of food in the presence of oxygen.	It is the process of breakdown of food in the absence of oxygen.
2	End products are CO <sub>2</sub> and H <sub>2</sub> O.	End products can be lactic acid or CO <sub>2</sub> and alcohol.
3	Takes a longer time to release energy.	Takes less time to release energy.
4	Produces a large amount of energy.	Produces a small amount of energy.
5	Examples: It occurs in most plants and animals.	Examples: Yeast, bacteria, human muscle cells, etc. respire anaerobically.