

1) Aerobic Respiration

Anaerobic

→ Occurs in the presence of oxygen

* Occurs in the absence of oxygen

→ A large amount of energy is released

→ Very less amount of energy is released

→ Product obtained CO_2 and H_2O

→ Product obtained are ethanol and CO_2

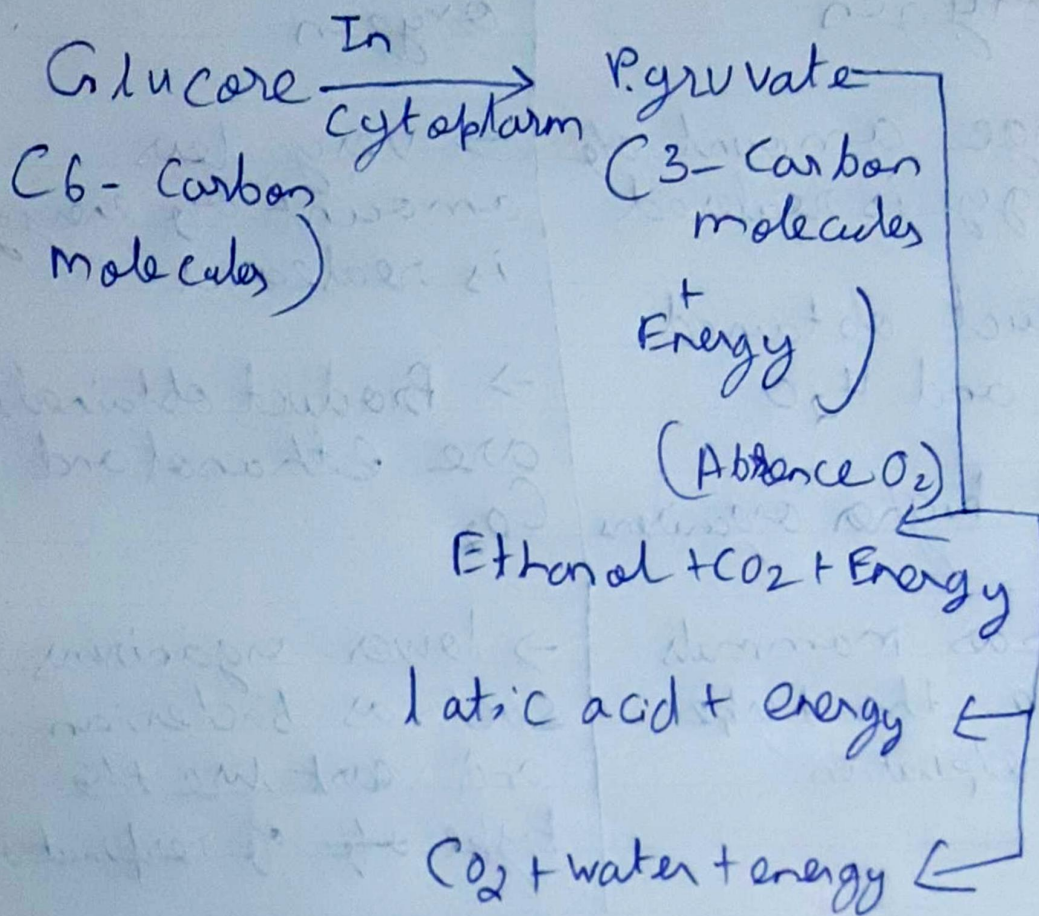
→ All higher organisms

Such as mammals have this type of respiration.

→ lower organisms such as bacterian and yeast use this type of respiration

2) Glucose is first broken down in the cell cytoplasm into a three carbon molecules called Pyruvate. Pyruvate is further

~~breaks~~ broken down in the
following ways to provide energy:-



3) Aerobic Respiration

- Occurs in the presence of oxygen
- A large amount of energy is released
- Product obtained CO_2 and H_2O

Anaerobic Respiration

- Occurs in the absence of oxygen
- very less amount of energy is released
- * Product obtained are lactic acid ~~and~~ or ethanol and CO_2

* Some organisms, who respire through anaerobic respiration are -
Some Parrotic worms, Yeasts and in animal muscles. It also occurs in the root of some waterlogged plants.