

Differentiate, distinguish, compare and explain what is the main difference between Reversible and Irreversible Changes with examples. Comparison and Differences.

## **Difference between Reversible and Irreversible Changes with examples**

1. Glowing of electric bulb is a reversible change as it glows when switched on and becomes dark when switched off. Burning of paper or wood is an irreversible change as it gives smoke and ash, which cannot form paper or wood again.
2. Distillation of liquid is a reversible change as liquid evaporates into vapour and vapour again can be condensed into liquid form. Rusting of iron is an irreversible change as rust cannot be changed into iron again.
3. Sublimation is reversible as solid when heated changes into vapour and vapour when cooled becomes solid. Making of curd from milk is an irreversible change.
4. Collapsing of mimosa (touch me not) leaves on touching and opening up on removing the finger is reversible. Growth of plants and animals are irreversible changes.