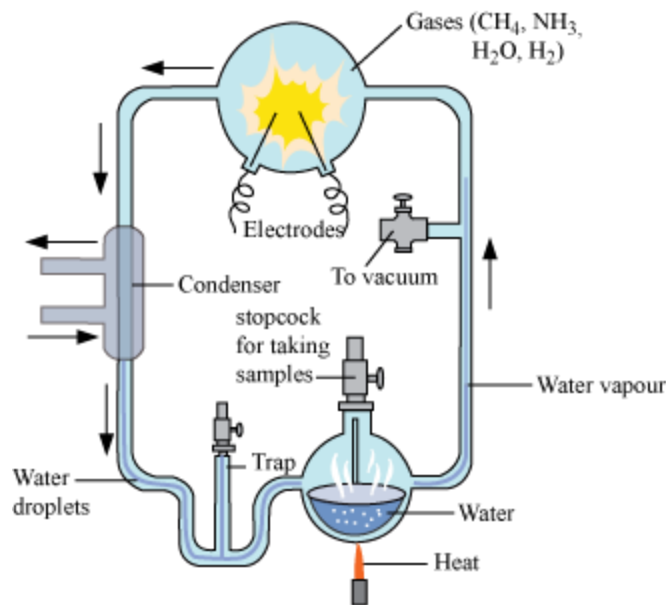




- Primitive atmosphere had high temperature, volcanic storms, and reducing atmosphere, containing CH_4 , NH_3 , H_2 , etc.
- Urey and Miller took the same compounds in a closed flask along with water vapour at 800°C and created an electric discharge.
- Formation of biomolecules such as amino acids, simple sugars, fats, etc. was observed in the flask.

Theories of Evolution

- The theory of special creation or divine intervention was challenged by Charles Darwin.
- He made observations on his sea-trip around the world aboard H.M.S.

Beagle and concluded that all existing living forms share similarities among themselves and also with other life forms, which existed millions of years ago of which many are extinct.

- The evolution of life forms has been gradual and those life forms better fit in environments that leave more progeny. This is called natural selection and is a mechanism of evolution.
- Alfred Wallace working in the Malay Archipelago also came to the same conclusion.

Evidences of Evolution