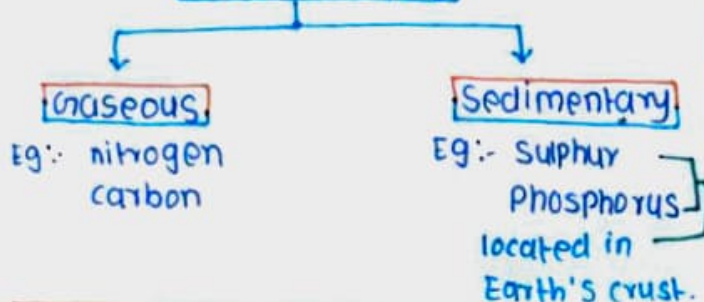


* NUTRIENT CYCLE - [Also called biogeochemical]

Standing state:- The amount of nutrients, such as carbon, nitrogen, phosphorus, calcium, etc. present in the soil.

Nutrient cycle



Environmental Factor

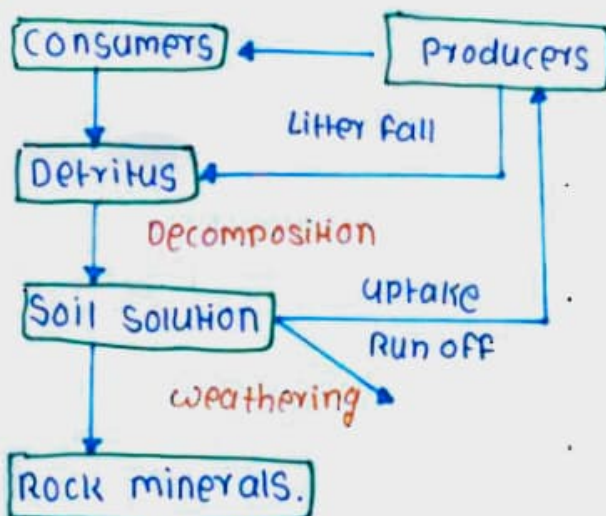
Eg:- Soil, moisture, pH, Temperature.

* CARBON CYCLE

- Fossil fuel also represent a reservoir of carbon.
- Carbon occurs through atmosphere, ocean and through living and dead organism.
- Decomposers also contribute substantially to CO_2 pool by their processing of waste materials and dead organic matter of land or oceans.

* PHOSPHORUS CYCLE

- phosphorus is a major constituent of biological membranes.
- nucleic acids and cellular energy transfer systems.
- The natural reservoir of phosphorus is rock.
- which contain phosphorus in the form of phosphates.



* ECOSYSTEM SERVICES

- The production
- The products of ecosystem processes are named as ecosystem services.
- For example: Healthy forest ecosystem purify air and water.
- Mitigate droughts and floods, cycle nutrients: generate fertile soils. provide wildlife habitat maintain biodiversity. pollinate crops. provide storage

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