

Vidya Bhawan Balika vidya peeth

Shakti Utthan Ashram

Lakhisarai

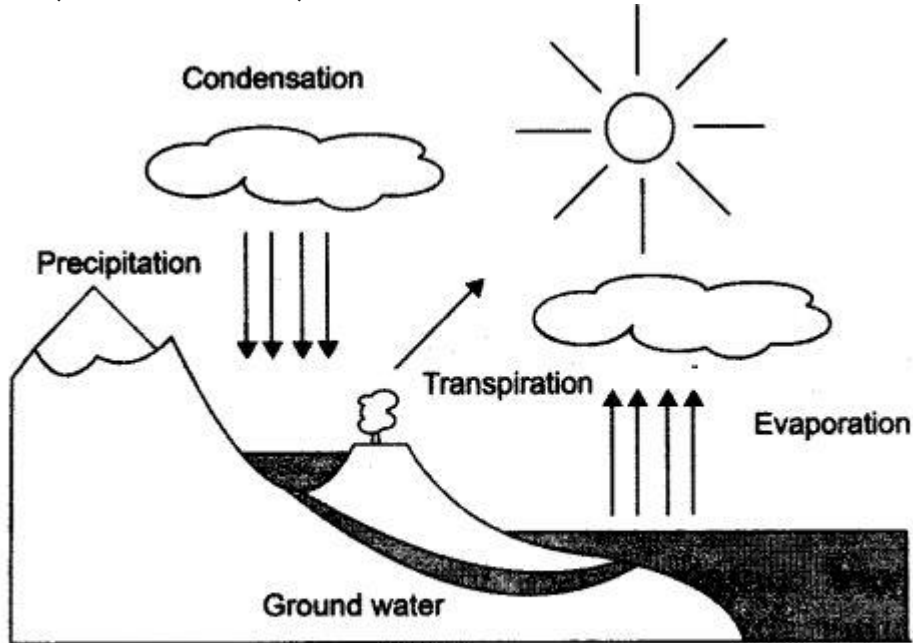
Subject:: Biology

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Today's topics: Biogeochemical

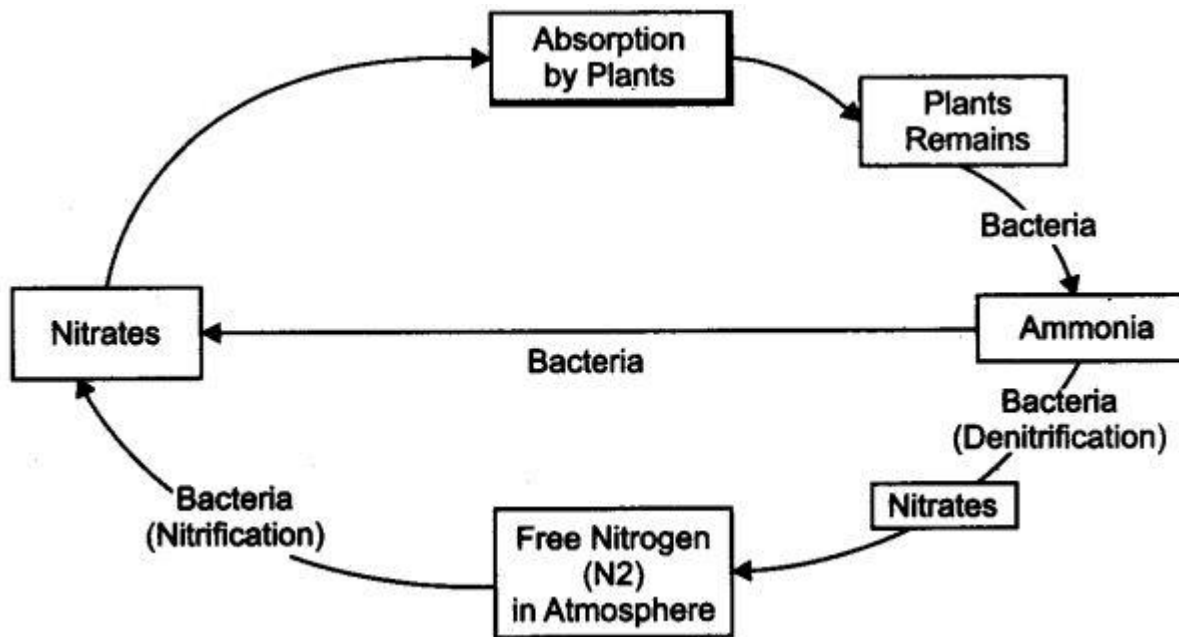
Bio-geo-chemical Cycles: A constant interaction between biotic and abiotic components of the biosphere makes a system and these flow of components form a cycle called bio-geo-chemical cycle.

Water Cycle: Water from various sources evaporates, condenses and again precipitates as rain, falls on the land, flows back in the sea and river is known as water cycle.



Water Cycle

Nitrogen Cycle:



Nitrogen from the atmosphere is fixed by the process of nitrification. Nitrification is done by nitrogen fixing bacteria e.g. Rhizobium present in soil, these compounds of nitrogen are absorbed by plants. The fixation is also done by atmosphere or industries. In atmosphere, during lightning, high temperatures and pressures created in air converts nitrogen into oxides of nitrogen, which dissolves in water forming nitric and nitrous acids and is then used by life forms.