

→ Significance of oxygen cycle :-

- oxygen is very vital for the survival of living organisms.
- Through this cycle oxygen is replenished and maintained in the ecosystem.
- The oxygen enters the living system only through respiration and leaves through photosynthesis.
- In the intervening steps the oxygen is incorporated in water.
- The oxygen is a source of ozone in the in the atmosphere.
- The ozone absorbs most of the ultraviolet rays, X-rays, etc.
- prevents them to reach the earth's surface and thus saves the organisms from the harmful effects of these rays.