

Qu. Explain the Segment of environment

Or

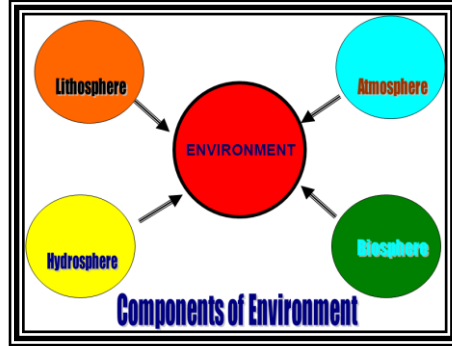
Explain the Components of Environments

Or

Define the brief four segment of environment

Ans. The environment consist of four main segments

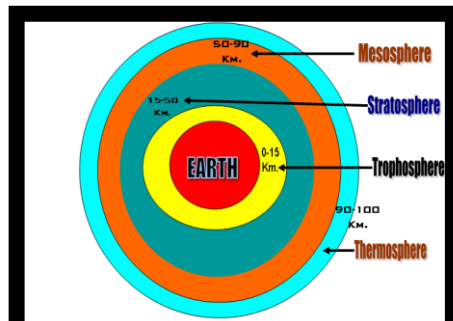
1. Atmosphere
2. Lithosphere
3. Hydrosphere
4. Biosphere



1. **Atmosphere-** The atmosphere surrounds earth and protects us by blocking but dangerous U.V. rays from sun. the atmosphere is mixture of other gases

- (a) Nitrogen-78%
- (b) Oxygen-21%
- (c) Other Gases-1%

It is the cover of air that envelops the earth is known as the atmosphere. In the other words atmosphere is protective, thick gaseous mantle surrounding the earth it extend 1600 km. from earth surface. From earth surface to 15 km. above troposphere is present, 15-50 km stratosphere, it is also known as ozonosphere because ozone gas is present in this sphere. Mesosphere is present above 50- 90 km. while 90-above thermosphere is present



The atmosphere is a reservoir of several elements which are essential for life and it serve many functions. It contain life saving gases like O₂ Co₂ are essential for plants and animals.

Solar Energy ---- Plants----- Chemical Energy

2. **Lithosphere-** It contains the mantle of rocks constituting the earth crust. The earth is cold spherical and solid planet of solar system. The solid compound of the earth is called lithosphere which includes mainly soil, rocks, and mountains etc.

3. **Hydrosphere-** It covers mo0re than 75% area of earth surface either in sea or fresh water. It has two qualities

- (a) **Marine Water-** It include 99% area of hydrosphere, includes sea and ocean.
- (b) **Fresh Water-** It include water without salts or salts presents in permissible limits, Only 1% of fresh water is present for human consumption in the form of lakes, ponds and river.

4. **Biosphere-** It is composed of all living organism Plants and animals are presents in biosphere. It shows interaction of non living components and living components of environment. Different types of ecosystems are found in biosphere.

(A) **Land Ecosystem**

- a) Forest Ecosystem
- b) Tree Ecosystem
- c) Desert Ecosystem
- d) Grassland Ecosystem

(B) **Aquatic Ecosystem**

- (a) Pond Ecosystem
- (b) Lake Ecosystem
- (c) River Ecosystem
- (d) Sea Ecosystem
- (e) Ocean