

Class notes for B.A. Part III (Hons).

Paper V.II, Environmental Geography.

Group E, Unit II, Topic Components of Environment.

Prepared by: Arbab Khan, Assistant Professor, Geography.  
D.K. College, Muzaffargarh.

## Components of Environment.

Environment consist of three basic components.

- (i) Abiotic or Physical Components.
- (ii) Biotic Components.
- (iii) Energy Components.

⇒ Physical or abiotic components consist of atmospheric component (example: atmospheric gases like oxygen, carbon dioxide, nitrogen, humidity, sunlight and temperature). various combinations of atmospheric humidity and precipitation have been responsible for different types of climate and climatic regions on the earth's surface.

⇒ Lithospheric Component:- The lithospheric components consist of elements, minerals, rocks and soils. (Igneous, sedimentary, metamorphic, and their sub-types soils - podzols, laterols, alluvia, loam etc.). micro-landform (relief features of this order - erosional landform depositional landforms etc.)

⇒ Hydropheric component:- The hydropheric component consist of surface water, ground water & oceanic water.



## ② Biotic Component:

Biotic or organic components of the biosphere/environment consist of three subsystems (i) Plant systems

(ii) Animal System (iii) microorganisms.

Of these three subsystems plants are the most important because plants alone produce organic matter which are used by themselves and by animals including microorganisms either directly or indirectly. Plants also make the cycling and recycling of organic matter and nutrient possible in different components of the biospheric ecosystem.

## ③ Energy Component:

The Energy Component includes the energy which supports the life on earth and help to proper functioning of the environment. The sun and i.e. Solar energy and geothermal energy.

## ④ The Cultural Environment:

The Cultural Environment comprises social component economic component, political components, etc.