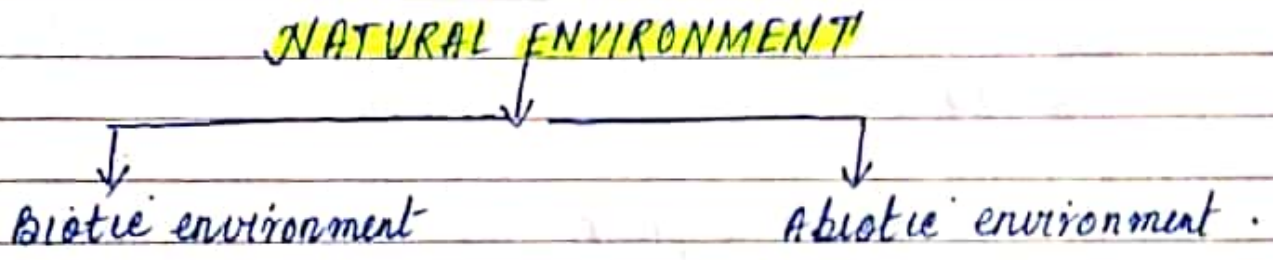


CHAPTER NAME - ENVIRONMENT

ENVIRONMENT :- The word environment means surrounding of human being it include air, water, soil, atmosphere and plants.

COMPONENTS OF ENVIRONMENT :-

- (1) Natural Environment - (Land, water, air, plants)
- (2) Human Environment - (Roads, railways, bridges)



BIOTIC ENVIRONMENT :- It refers to the world of living organism like plants and animals

ABIOTIC ENVIRONMENT :- It refers to non-living things like land, water, minerals.

FOUR REALMS OF THE EARTH :-

- (a) Lithosphere.
- (b) Atmosphere.
- (c) Hydrosphere.
- (d) Biosphere.

LITHOSPHERE :-

It is the upper layer of the earth crust. It contains mountain, plateau, hills, plains and valleys. It has rocks, minerals, soil and humus. This soil helps the plants and trees. Plants and trees provide food to man.

This upper layer helps in grazing, agriculture, and human settlements.

ATMOSPHERE :-

The domain of air is called atmosphere. It has many layers. Our air contains oxygen, nitrogen, carbon-dioxide and other gases. These are essential for life.

Atmosphere helps in the formation of rain, cloud, and snow.

Atmosphere help contain ozone layer which protect us from the ultra-violet rays of the sun.

HYDROSPHERE :-

The domain of water is called Hydrosphere. Water is found in oceans, water, rivers, lakes, ponds and wells. Water is essential for every forms of life in earth. Our Earth contain $\frac{3}{4}$ portion of water.

BIOSPHERE :-

The narrow zone of the earth where land, water, and air interact each other to support life is called Biosphere. It include man, plants, animals and birds.

HUMAN ENVIRONMENT :-

Human environment include man-made things like road, railways, bridge, school, college, hospital and other things.

With the passing of time man has used the environment wealth more and more, and made his life comfortable and easy.

With reckless use of environment he has damage and polluted the environment.

ENVIRONMENT POLLUTION :-

Man has changed the environment to a great extend with his modern technology. He has made his life easy and comfortable.

He has used the natural wealth recklessly and polluted the environment.

With new industries developing every year has increased the pollution level.

Forest are cut down to set up industries, railways, roads, bridge and other institutions.

Day by day vehicles are increasing in the road, it has also help to increase the level of pollution.

Due to increase in pollution there is global warming, green house effects, acid rain, cyclone have increased.

Due to pollution our earth has lost its freshness and purity of air. Day by day it is becoming unsafe to live.

SOLVED QUESTIONS:-

Q-1) Differentiate between biotic environment and abiotic environment.

Ans -	<u>Biotic Environment</u>	<u>Abiotic Environment</u>
(a)	It consist of living being.	It consist of non living things.
(b)	Ex- Man, animals, plants, birds etc.	Ex- soil, water, and air.

Q-2) Write the importance of atmosphere.

Ans (a) Atmosphere help in the formation of rain, cloud and snow.

- (b) Atmosphere contain Oxygen which help us to breathe; It also contain Carbon-dioxide which is used by the plant.
- (c) Atmosphere contain Oxone layers which protect us from ultra-violet rays of the sun.
- (d) Atmosphere has many layers which help in the regulation and distribution of heat.

HOT QUESTION :-

Q-3 How are human-being responsible for making change in Environment? Discuss.

Ans - Reckless use of natural resources by man is responsible for change in Environment.

- Man has exhausted its natural resources and minerals by its continuous uses.

By modern technology man has made his life fast and comfortable but he has spoil the environment.

Industrialization and urbanization has increased the pollution Number of vehicles has increased much. This has also increased the level of pollution.

Deforestation is another cause in the change of environment. Forest are cut to established industries, roads, railways and other institutions.

Due to pollution global warming, green house effect, ozone layer damage and acid-rain are common.

Our Earth has lost its freshness and purity Day by day it is becoming unsafe to live.

UNSOLVED QUESTIONS :-

- Q-(1) What do you mean by environment?
- (2) Name the components of environment.
- (3) Name the domain of water.
- (4) What do you mean by biosphere?
- (5) What do you mean by biotic environment?