



Name _____ Sub. geography
Std. _____ Div. _____ Roll No. _____

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Environment

1. What to know?

A. Humans change their environment to satisfy their live - growing needs. Both comfort and equity

2. What is Environment?

A. Everything in our immediate surrounding is known as Environment.

3. List out the importance of litho sphere, Atmosphere and hydrosphere in context to living organism.

A. Lithosphere

* The lithosphere is the outermost solid layer of the earth. It is also called Crust. Subare

* The Importance of lithosphere are :-

- a) Land is needed for human settlements
- b) Soil is essential for agriculture
- c) Industries get vital minerals and other raw materials from the lithosphere.

Atmosphere

* The layer of air that surrounds the earth.

* The Importance of atmosphere are

- a) It provides ^{the life} ~~the~~ living gas oxygen

☹ We inhale oxygen and exhale carbon dioxide.

b) It acts as a blanket and keeps the earth warm by trapping the heat ~~that~~ that radiates from the earth.

c) It protects life from the harmful rays and the scorching heat of the sun.

Hydrosphere

* Hydrosphere refers to the water of the earth.

* The importance of Hydrosphere are :-

a) Water is essential for all living organisms to maintain their biological water balance.

b) Water is needed for both domestic and industrial uses.

4. Everything in biosphere is interconnected and interdependent. Justify.

Ans) Everything in biosphere is interconnected and inter dependent because

* The biosphere is made of living organisms and the physical environment
For ex - Forest provides products like timber, fruits, nuts etc
They also provide a natural habitat for various plants and animals.
Forest help moderate the atmospheric temp by absorbing CO_2 and adding moisture to the air

Give Reasons

1. ~~Humans modify the environment~~ Humans modify the environment

Ans) For thousands of years humans have modified the physical environment by clearing land for agriculture or damming streams to store water and divert water.

As we industrialized, we built factories and power plants

2. Plants and animals depend on each other

Ans) Animals depend on plants for oxygen, food, shelter etc.
And plants depend on animals for carbon dioxide.

11. Define Environment

Ans) Environment - All the living and non-living things in our surrounding

2. ~~Q~~ How can you classify the environment

Ans) Natural Environment and
Human Made Environment

3. What are the major components of natural environment

Ans) Biotic, Abiotic

4. Distinguish between physical environment and biological environment

Ans) Physical environment is human made and biological environment is natural

5. With the help of a diagram describe the water cycle.

Ans, Stage 1: Evaporation and transpiration

The sun's energy heats up the lakes, rivers, seas, swamps and other water bodies which subsequently increase the temp of water present in them.

Consequently some water evaporates as vapour into the air.

The rising ~~air~~ ~~air~~ ~~air~~ ~~air~~ (air common) take vapour up in the sky. ~~The~~ ~~sun~~ simultaneously plants and trees also lose water to the atmosphere in the form of vapour which rises up in the sky.

Stage II - Condensation -

As the vapours reach high they form clouds.

Stage III precipitation -

When more water vapour evaporates then it forms more clouds and when the clouds become heavy then they precipitate in the form of rain, hail, snow etc.

Q. Give some ex of human made environment. Why are they called so?

Ans) Factories, Furniture, houses & ~~Markets~~ Markets. Because they are made by humans.

7. ~~Ques~~ what is an ecosystem

Ans) An ecosystem is a community of living and non living components that work together.

8. How do humans adapt themselves to the environment? Give examples

Ans) Early humans adapt themselves to the natural surroundings. They lead a simple life and fulfil requirements according themselves.
Ex - A polar bear, A camel

9. List some environmental issues

Ans) Over population
Pollution
Deforestation
~~Over~~ poaching

10. What factors leads to Environment degradation

Ans) Humans changed with a passage of time.

They developed new technology and a new Environment.

They started cutting trees for their comfort.

They started polluting water for their comfort.