



GUIDELINES: Read the notes and the Chapter 1 of Geography- 'Environment' and follow the instructions given below. All the activities and questions given below are to be done in the Social Science Notebook.

Reference Book Our Environment (NCERT Geography book class VII)

INTRODUCTION TO THE TOPIC:

- The word environment is derived from the French word 'Environer/ Environner' meaning 'Neighborhood'.
- It is our basic life support system which is affected by the people, place, thing and the nature surrounding us.
- Environment includes both the natural as well as human made phenomena.
- 5th of June is celebrated worldwide as the "World Environment Day".

POINTS TO BE COVERED IN THIS CHAPTER:

- Concept of Environment
- Components of the Environment
- Natural Environment
- Ecosystem
- Human Environment

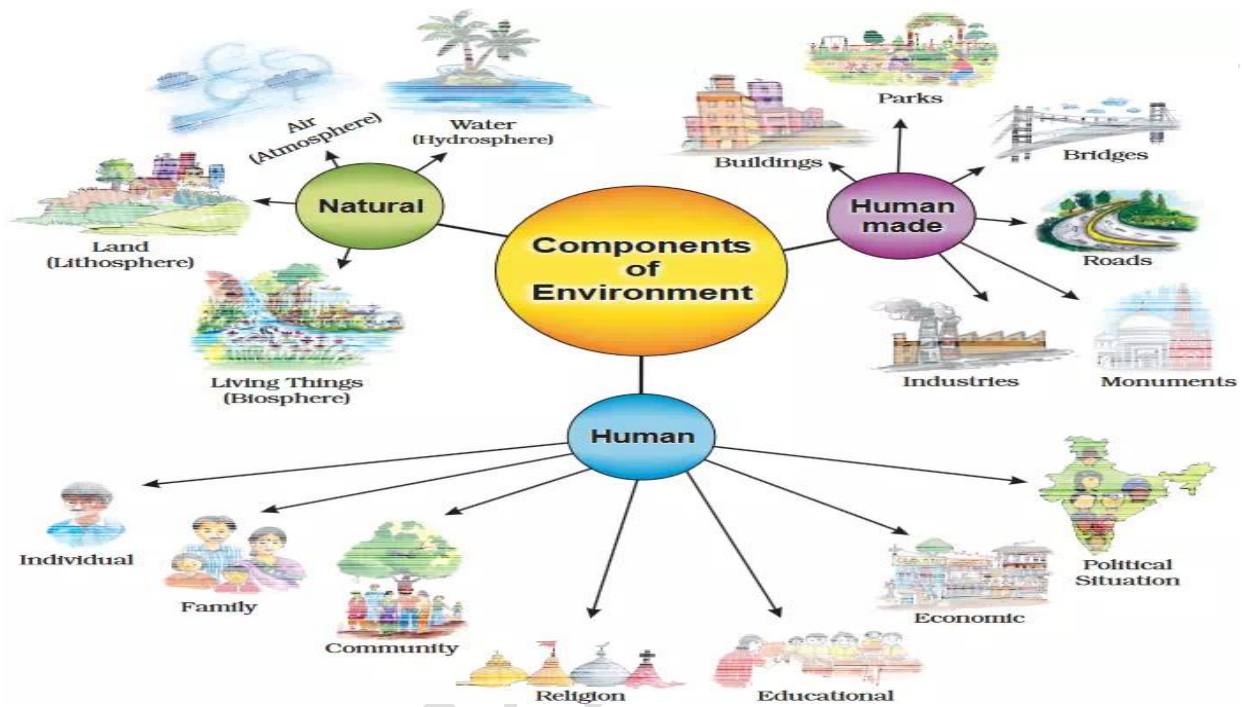
DEFINITION OF ENVIRONMENT

- The word environment is derived from the French "Environer" which means Neighborhood.
- The nature, place, people and things that surround the living beings is called environment.
- Environment is our basic life support system. It provides the air we breathe, the water we drink, the food we eat and the land where we live.
- Environment is a combination of natural (like mountains and rivers), human and human-made things (like roads and cars).

COMPONENTS OF THE ENVIRONMENT

Activity: Prepare a list of things which according to you comprise your environment.

After the list is prepared the students must carefully read the picture given below.

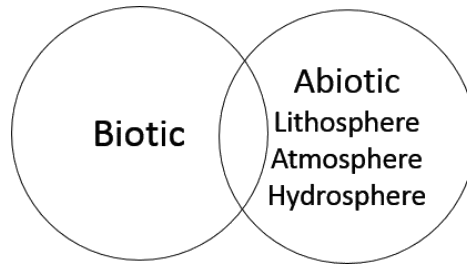


- **Natural environment**
- **Human environment**
- **Human -made environment**

Activity: Categorize the list prepared above into different components of the environment (Hint: Natural, Human, Human-made)

Natural Environment

The natural environment comprises of **biotic** and **abiotic** conditions.



Biotic- The world of living organisms
Abiotic- The world of non- living elements

Activity: Prepare a list of Biotic and Abiotic components around you

Biotic	Abiotic

Everything around us that is natural and not made by humans is part of the Natural Environment.

Example: Land, water, air, plants and animals comprise the natural environment.

Spheres/ Domains of the Environment

Lithosphere (Lithos means Land)

- Is the solid, outer part of the earth, consisting of the crust and upper mantle.
- Is made up of rocks and minerals and covered by a thin layer of soil.
- Is an irregular surface containing landforms like mountains, plateaus, plains and valleys.
- Provides forests, grasslands, land for agriculture and human settlements
- Is a source of minerals

Hydrosphere (Hydra means Water)

- Is the part of the Earth that contains water
- Includes water bodies like streams, lakes, oceans, seas, and rivers etc.
- Is essential for all living organisms

Atmosphere (Atmos means Air)

- Is the thin layer of air that surrounds the earth
- Contains several gases, dust and water vapor
- Shields us from the harmful rays and fiery heat of the sun
- There is a change in the weather and climate if there is change in the atmosphere

Biosphere (Bio means Life)

- Is the living component of the environment
- Is formed with the union of the lithosphere, hydrosphere, and atmosphere
- Includes all micro-organisms, plants, and humans, birds and all the other animals

Activity: With the help of a diagram, show how the different domains of the environment are inter-related to each other.

Chapter Link:

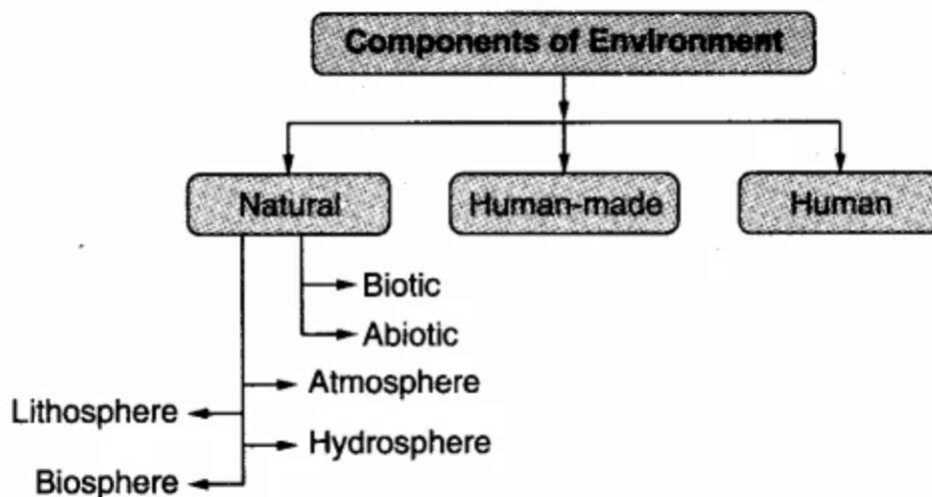
<http://ncert.nic.in/textbook/textbook.htm?gess2=1-9>

Video Link:

https://edurev.in/studytube/What-is-Environment-/2b947474-ab39-44b7-9414-9ebddfd0c2b_v (Till- 3.30 minutes)

Summary:

Environment is our basic support system. It comprises of all the biotic and abiotic components around us, along with human and human made environment.



Questions

Guidelines: The questions given below are to be done in the Social Science notebook.

Q1. Match the following:

Column 1	Column 2
<ol style="list-style-type: none">1. Lithosphere-2. Hydrosphere-3. Atmosphere-4. Ecosystem-	<ol style="list-style-type: none">1. Interaction of all living organism2. Envelope of air which surrounds the earth3. Solid crust top layer of earth4. Domain of water

Q2: Fill in the blanks:

- a)consist of living organism eg. plants and animals
- b)consist of non-living elements eg. land etc.
- c) The narrow zone of the earth where land water and air interact with each other to support life is called
- d) Every year theWorld Environment Day is celebrated on
- e) The domain of water is referred to as

Q3: Define the term environment.

Q4: Name the three major components of our environment.

Q5: Define natural environment.

Q6: Name the four spheres of the earth.

Q7: Explain the significance of atmosphere for us.

Q8: Compare the features of lithosphere and hydrosphere.