



BAL BHARATI PUBLIC SCHOOL, PITAMPURA, DELHI-110034

CLASS- VII

SUBJECT: - SOCIAL SCIENCE

CHAPTER- ENVIRONMENT (Part 2)

GUIDELINES: Read the notes and the chapter 1 of geography- 'Environment' and follow the instructions given below. All the activities and questions are to be done in the social science notebook. Do not copy the summary mind map in the notebook.

Reference Book Our Environment (NCERT Geography book class VII)

INTRODUCTION TO THE TOPIC:

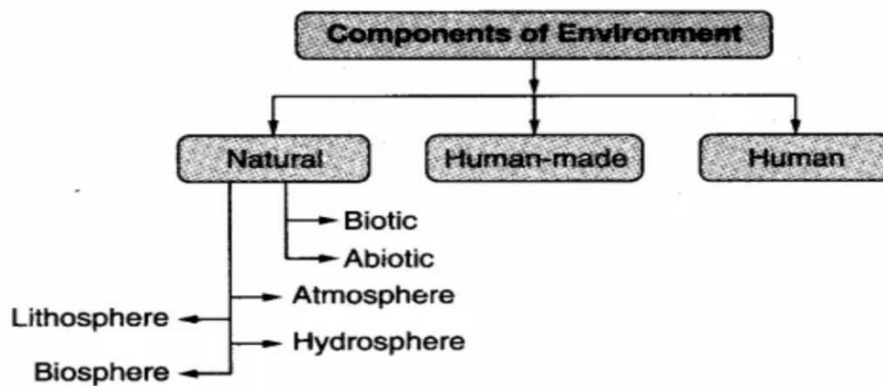
The word environment is derived from the French word 'Environer/ Environner' meaning 'Neighborhood'. It is our basic life support system which is affected by the people, place, thing and the nature surrounding us. Environment includes both the natural as well as human made phenomena. 5th of June is celebrated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

POINTS TO BE COVERED IN THIS CHAPTER:

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

RECAPITULATION FROM PART 1

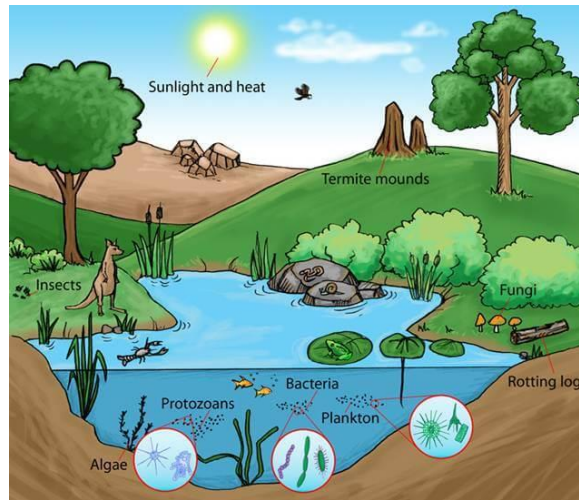
Environment is our basic support system. It comprises of all the biotic and abiotic components around us, along with human and human made environment.



ECOSYSTEM

- The relation between the living organisms as well as the relation between the organisms and their surrounding forms the ecosystem.
- In other words, an eco-system is the network of relationships between the biotic (living things like plants, animals and organisms) and abiotic (non-living things like weather, earth, sun, soil, climate, atmosphere) components in a given area.
- All plants, animals and human beings depend on their immediate surroundings. Often, they are also interdependent on each other.
- There could be an ecosystem of large rainforest, grassland, desert, mountains, lake, river, ocean, and even a small pond.

Example of an Ocean Ecosystem: The whole ocean is one giant ecosystem and may have several different small ecosystems within it. Various organisms live in this ecosystem. Plants like seaweeds and algae, invertebrates like jellyfish and shrimps, fish such as sharks and mammals such as whales can be found in it. Many sea birds, who feed on the fish and other organisms that live in the ocean, also form a part of this system. If humans fish in the sea for food, they also become part of this ecosystem.



Eco- system

Activity: Draw/ Paste a picture of an ecosystem of your class.

HUMAN ENVIRONMENT

Human component of the environment consists of an individual, family and then community. There are numerous factors that affect the person and the environment around it. For example,

- Religion
- Culture
- Level of education
- Political environment etc.

Relationship between Humans and Environment

- Human beings interact with the environment and modify it according to their needs.
- Early humans adapted themselves to their natural surroundings.
- With time, humans learned to grow new things, domesticate animals and lead a settled life.
- Wheel was invented and Barter System (Exchange of goods without money) emerged.
- Trade started and commerce developed.
- The industrial revolution, development of system of transportation, and information revolution made communication easier and speedy across the world.

Environmental Degradation –

- The environment is seriously degraded due to human activities and hence there is imbalance and disharmony.
- The water and air have been polluted to a great extent because of the destruction of the vast forests on the earth.
- Another disaster which is posed before us is that due to the rapid growth of urbanization, the living conditions of the people in cities and towns have been deteriorated.
- There is pollution of water, air and noise etc. due to the rapid expansion of industries, power stations and motor vehicles etc. Everywhere, there is pollution. It has been proved harmful for the physical and mental health of the people.

HUMAN- MADE ENVIRONMENT

These are the resources made by human beings.
For example- Bridges, Tunnel, Canals, Roads, Railways.

Activity: Prepare a list of human-made things around you (Any 5)

Activity: Watch the link given below-

<https://www.youtube.com/watch?v=IECg3mqchzY>

- Create a poster on the need to conserve the environment around us with a suitable tagline. (To be done in the notebook itself)
- Also suggest any three ways in which you can help in the conservation of the environment around us.

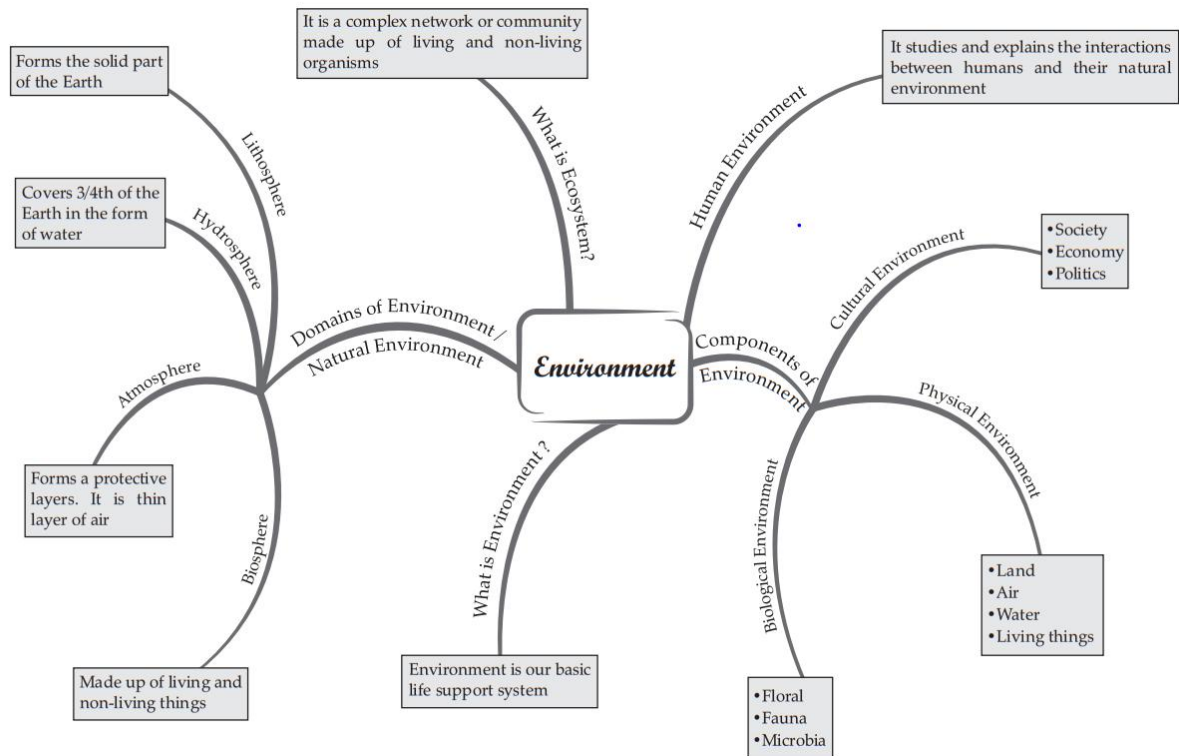
Chapter Link:

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

PowerPoint Link

https://www.diksha.gov.in/play/collection/do_31279645532954_6240118018?contentType=TextBook&contentId=do_312795737637888000110808

Summary:



QUESTIONS:

Guidelines: The activities and questions are to be done in the Social Science notebook.

Q1. Multiple choice questions

1. What is the thin layer of air that surrounds the Earth called?

- Atmosphere
- Biosphere
- Lithosphere
- Hydrosphere

2. Various landforms are a part of the -

- Hydrosphere
- Lithosphere
- Atmosphere
- None of the above

3. Which of the resources listed below is not a biotic resource?

- Plants
- Forests
- Soil
- Animals

4. Which among the following is a man-made resource?

- Sunlight
- Coal
- Technology
- None of the above

5. Which among the following is a realm of the Earth where all forms of life interact with each other?

- Hydrosphere
- Lithosphere
- Biosphere
- Atmosphere

Q2. Is it possible that there could be an ecosystem of a large rain forest, desert, mountain etc.? Give an example to support your answer.

Q3. Information revolution made communication easier and speedy across the world. Justify the statement with suitable examples.

Q4. Critically examine how human activity has impacted the natural environment around us.

Q5. Give a reason for the following:

- a) Plants and animals are interdependent on each other.
- b) Man modifies his environment.

Q6. Identify any 5 words from the chapter given in the word search below and define them:

O G A T M O S P H E R E
F X A J M D M O H S G W
A E A R L A R U T A N P
U Q J N I I X Z Q L W W
M U H X C I T O I B Z B
L I T H O S P H E R E A
D B Z Y A N G A B A P R
T N E M N O R I V N E T
Z M E T S Y S O C E T E
Q G Q B J R I R W S F R
L Q P X U Q Y K B O Z T
E R E H P S O I B Z I Y

BBPS, PITA