



CLASS - VII - SOCIAL SCIENCE CLASS WORK NOTES

1. ENVIRONMENT

I. TECHNICAL WORDS

1. Environment - The place, people, thing and nature that surround
Any living organism
2. Natural Environment - Things that naturally exist around us form
the natural environment such as air,
Water, natural vegetation, wildlife, etc.
3. Lithosphere - The Solid Crust or hand top layer of the Earth
Surface
4. Atmosphere - The Thin layer of air that surrounds the earth
5. Hydrosphere - The water domains of the earth surface
6. Biosphere - It is a narrow zone of the earth where land, water
and air interact with each other to support life
7. Eco System - It is a system formed by the interaction of all living
organism with each other

II. VERY SHORT ANSWER TYPE QUESTIONS

Q. 1. Write down the components of the human environment.

Ans. Buildings, parks, industries, bridges, roads and monuments.

Q. 2. Define an ecosystem.

Ans. It is a system formed by the interaction of all living organisms
with each other and with their environment.

**Q. 3. Which are the two major components of the biotic and abiotic
environment ?**

Ans. Water and air are the components of the abiotic environment
whereas plants and animals are the components of the biotic
environment.

Q. 4. What do you know about the term biosphere ?

Ans. Biosphere is a narrow zone of the earth where land, water and
air interact with each other

III. SHORT ANSWER TYPE QUESTIONS

Q. 1. Differentiate the natural and man-made environment.

Ans.

<i>Natural Environment</i>	<i>Man-made Environment</i>
<ul style="list-style-type: none">• All those things that are naturally existing around us are together called natural environment.• Plants, animals, land, air, water etc. are the components of natural environment.	<ul style="list-style-type: none">• It includes changes and modifications of the natural environment made by human beings.• Buildings, roads, parks, bridges, industries, books etc. are the components of human environment.

Q. 2. Define the term atmosphere. Write down the usefulness of the atmosphere.

Ans. Atmosphere is the thin layer of air that surrounds the earth.

- The atmosphere acts as a thick blanket which protects us from harmful ultraviolet rays of the sun.
- It provides gases-oxygen and carbon dioxide etc.

Q. 3. What do you know about the human environment ?

Ans. Human environment refers to the changes and modifications of the natural environment made by human beings. Human beings modify their natural environment by using their skills. It shows the activities, creations and interactions among human beings. Buildings, roads, bridges, parks, furniture, books etc. are the main components of human environment.

Q. 4. 'Man modifies his environment'. Give reasons to support this statement.

Ans. Human beings modify natural environment to satisfy their needs. For example, they make cars, mills, factories and manufacture many products. In this way, our environment is changing at an increasing rate. Men have created various things by modifying the natural environment. They create such things by using their skills to satisfy their needs.

IV. LONG ANSWER TYPE QUESTIONS

Q. 1. Why are plants and animals interdependent on each other ?

Ans. It is true that plants and animals depend on each other. Animals depend on plants for their food. Also, the plants provide oxygen to animals to breathe in. These keep the environment clean and provide shelter to animals. On the other hand, animals provide carbon dioxide which plants use for making their food. The dead and decaying animals provide nutrients to plants to grow. In this way, all the plants, animals and human beings depend on their immediate

surroundings. They are interdependent on each other also.

Q. 2. What do you know about the term ecosystem ? How is it useful for human beings ?

Ans. Ecosystem is a system formed by the interaction of all living organisms with each other and with their environment.

Let us know more about the ecosystem

- Huge rainforests, grasslands, deserts, hills, mountains, oceans, rivers, lakes, ponds, etc. can form an ecosystem.
- Ecosystem can be permanent or temporary.
- An ecosystem can be natural or artificial.
- A natural ecosystem is created by nature itself, while artificial ecosystem is created by human beings.
- Rainforests, deserts, ponds, rivers etc. are the example of natural ecosystem—Aquarium is an example of an artificial ecosystem.

Q. 3. Human activities are adversely affecting our environment. Why and how ?

Ans. The statement that human activities are adversely affecting our environment is absolutely correct. Human beings are modifying natural environment to satisfy their needs. In this way, our environment is changing at an alarming rate. Early men adapted themselves to their natural surroundings. They led a very simple life and fulfilled their needs by the natural surroundings. With the passage of time needs grew and became more varied. People started to live settled life, barter system emerged, trade and commerce developed and industrial revolution came into existence. So, people began to exploit natural resources at an alarming rate. This is not good for our environment.

Environmental degradation has occurred especially in the last few decades due to rapid economic development. Now, it is globally recognised that certain human activities like burning of fossil fuels e.g., petroleum, gas and coal in motor vehicles and industries have resulted in raising the mean temperature of the earth. This is known as Global Warming. This is only one example of disturbance in the balance state of our environment.