



**Class: VII**  
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**Subject: SST(Geography)**  
**L1: Environment**

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**Answer the following questions briefly.**

**1. What is an ecosystem?**

Answer: All plants, animals and human beings depend on their immediate surroundings. They are also interdependent on each other. This relation between the living organisms as well as the relation between the organism and their surroundings form an ecosystem.

**2. What do you mean by the natural environment?**

Answer: The natural environment consists of land, water, air, plants and animals. Thus, the natural environment refers to both biotic (plants and animals) and abiotic (land) conditions that exist on the earth

**3. Which are the major components of the environment?**

Answer: The major components of the environment are — natural (land, air, water, living things), human-made (buildings, parks, bridges, roads, industries, monuments, etc.), and humans (individual, family, community, religion, educational, economic, etc).

(Draw a neat diagram to represent the major components of the environment.)

**4. Give four examples of a human-made environment.**

Answer: Four examples of human-made environments—buildings, parks, bridges and roads.

**5. What is the lithosphere?**

Answer: The lithosphere is the solid crust or the hard top layer of the earth. It is made up of rock, sand, mineral and sand covered by a thin layer of soil. It is an irregular surface with various land forms such as mountains, plateaus, plains, valleys etc.

## 6. Which are the two major components of the biotic environment?

Answer: Plants and animals are the two major components of biotic environment.

## 7. What is the biosphere?

Answer: The biosphere is a narrow zone of the earth where land, water and air interact with each other to support life. Thus, plant and animal kingdom together make biosphere, ie. the living world.

(Draw a neat diagram to represent domain of the environment.)

2. Tick the correct answer.

1. Which is not a natural ecosystem?

(a) Desert                      (b) **Aquarium**                      (c) Forest.

2. Which is not a component of the human environment?

(a) **Land**                      (b) Religion                      (c) Community.

3. Which is a human-made environment?

(a) Mountain                      (b) Sea                      (c) **Road.**

4. Which is a threat to the environment?

(a) Growing plant                      (b) **Growing population**                      (c) Growing crops

### Match the column:

- |                |  |
|----------------|--|
| 1. Biosphere   | a) blanket of air which surrounds the earth              |
| 2. Atmosphere  | b) domain of water                                       |
| 3. Hydrosphere | c) gravitational force of the earth                      |
| 4. Environment | d) our surroundings                                      |
|                | e) the narrow zone where land, water and air interact    |
|                | f) relation between the organisms and their surroundings |

**Answer:**

- 1.—(e)    2.—(a )    3.—(b)    4.—(d)

**Give reasons:**

**1.Man modifies his environment.**

Answer: Man modifies his environment in the following ways:

- 1.He cuts forests and clears land for agriculture, industries, and habitation.
2. He uses the land for construction of buildings, roads, and railways.
- 3.He uses water and air for his survival.
4. He does numerous other activities to make his life comfortable.

**2. Plants and animals depend on each other.**

Answer: Plants and animals depend on each other in the following ways:

1. Plants provide food to animals.
2. Forests are home to wild animals. They provide shelter to wildlife.
3. Animals provide manure to plants for growth.
4. Dead animals also provide humus content.