

## Chapter 1: Environment

**Question 1:** Answer the following questions.

(i) What is an ecosystem?

**Answer:** An ecosystem is the relation between the living organism as well as the relation between the organism with their surroundings.

(ii) What do you mean by natural environment?

**Answer:** The organisms and the basic resources that are naturally present in the environment like the land, water, air, plants and animals.

(iii) Which are the major components of the environment?

**Answer:** There are three major components of the environment :-

- Natural environment
- Man-made environment
- Human environment.

(iv) Give four examples of human made environment.

**Answer:** The four examples of human made environment are :-

- Buildings
- Parks
- Bridges
- Roads

(v) What is lithosphere?

**Answer:** Lithosphere is the solid crust or the hard top layer of the earth. It is made up of rocks and minerals and covered by a thin layer of soil. It is an irregular surface with various landforms such as mountains, plateaus, plains, valleys, etc.

(vi) Which are the two major components of biotic environment?

**Answer:** The two major components of biotic environment are :-

- Plants
- Animals

(vii) What is biosphere?

**Answer:** Biosphere is a narrow zone of the Earth where land, water and air interact with each other to support life.

**Question 2:** Tick the correct answer.

(i) Which is not a natural ecosystem?

- (a) Desert
- (b) Aquarium
- (c) Forest

(ii) Which is not a component of human environment?

- (a) Land
- (b) Religion
- (c) Community

**(iii) Which is a human made environment?**

- (a) Mountain
- (b) Sea
- (c) Road

**(iv) Which is a threat to environment?**

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

**Answer:**

- (i) (b) aquarium
- (ii) (a) land
- (iii) (c) road
- (iv) (b) growing population

**Question3 : Match the following.**

(i) Biosphere	(a) blanket of air which surrounds the earth
(ii) Atmosphere	(b) domain of water
(iii) Hydrosphere	(c) gravitational force of the earth
(iv) Environment	(d) our surroundings
	(e) narrow zone where land water and air interact
	(f) relation between the organisms and their surroundings

**Answer:**

(i) Biosphere	(e) narrow zone where land water and air interact
(ii) Atmosphere	(a) blanket of air which surrounds the earth
(iii) Hydrosphere	(b) domain of water
(iv) Environment	d) our surroundings

**Question 4: Give reasons.**

**(i) Man modifies his environment.**

**Answer:** Man modifies his environment to fulfill his basic needs as it is increasing day by day. And to live a comfortable life. As the population is growing, human needs and desires are also growing. Man uses land for agriculture, builds industries to work, invents new things to make his life better and easier.

**(ii) Plants and animals depend on each other.**

**Answer:** All plants, animals and human beings depend on their immediate surroundings. Often they are also interdependent on each other.

Plants provide food, shelter and oxygen for animals to live. When animals die, they decompose and become natural fertilizer for plants.

Plants are dependent on animals for dispersal of seeds, pollination etc.

### Question 5: Activity.

Imagine an ideal environment where you would love to live. Draw the picture of your ideal environment.

**Answer:**



### Intext Questions:

**Question :** Where does the water you use in your home and school come from? Make a list of different uses of water in our daily life. Have you seen anyone wasting water? How?

**Answer:**

- The water that we use in our home and school come from the nearest water sources like rivers, ponds, dams, etc.
- Uses of water are:
  1. Drinking
  2. Cleaning
  3. Washing
  4. Bathing
  5. Cooking
  6. irrigation etc.
- Yes, people waste a lot of water in daily life by:
  1. not closing the taps properly;
  2. by using more water than required;
  3. water leakages.