

## **Class-7 Geography**

### **Ch 1 Environment**

**1. Answer the following questions.**

**1. What is an ecosystem?**

Ans : An ecosystem is a community in a given area where living organisms interact with each other and their immediate surroundings including non-livings.

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

Ans : The environment which is created by nature comprises of land, water, air, plants and animals is known as natural environment.

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

Ans : The major components of the environment are: (i) Natural environment (ii) Human environment (iii) Human made environment

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

Ans : Four examples of human made environment are: (i) Vehicles (ii) Buildings (iii) Roads (iv) Parks

**5. What is lithosphere?**

Ans: Lithosphere is the solid crust or the hard top layer of the earth which is made up of rocks and minerals and covered by a thin layer of soil.

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

Ans : Two major components of biotic environment are: Plants and animals.

**7. What is biosphere?**

Ans : Biosphere is a narrow zone of the earth where land, water and air interact with each other to support life. It consists of plant and animal kingdom together.

**8. What is environment?**

Ans: the surrounding in which we live forms environment. It is the basic life support system having natural and man-made componets.

**9. What comprises natural environment?**

Ans. Land, water, plants, and animals are all the part of natural environment.

**10. Define the term Biosphere?**

Ans. Plants and animals found in the narrow strip at the junction of lithosphere, atmosphere and hydrosphere together make biosphere.

**11. What is ecosystem?**

Ans. An ecosystem is formed by the interaction of all living organisms with one another and with the physical and chemical factors of the environment in which they live. All are linked by transfer of energy and material. They are interdependent.

**12. Why is our environment changing?**

Ans. It is all because of our needs. They are increasing day by day. We are therefore modifying and at times even destroying our natural surroundings.

**13. Distinguish between biotic and abiotic environments.**

Ans. Biotic environment: the world of living organism is called biotic environment. example : plants and animals.

Abiotic environment: the world of non-living elements is called abiotic environment. Example: land.

**14.** What made Ravi sad while going to school after vacation?

Ans. After the long vacation while going to school Ravi noticed that the only play-ground next to school is dug up. He was told that a multistory building would be constructed there. This made him sad.

**15. Give reasons.**

(i) Man modifies his environment

(ii) Plants and animals depend on each other

Ans : (i) Man modifies his environment because they are capable of modifying it according to their need and live comfortable life. Humans learn new ways to use and change environment and invented many things. Industrial revolution enabled large scale production. Transportation became faster. Information revolution made communication easier and speedy across the world.

Ans: (ii) Plants and animals depend on each other for their sustainability. Animals consume plants as they are the only producers and also take oxygen from them. Plants are dependent on animals as they give out carbon dioxide which is important for photosynthesis. Also, dead remains of animals provide nutrient for plants.