

Q.1 What is an ecosystem?

Ans. Ecosystem is the inter relationship between different living organisms. They depend on each other for materials, food, ~~and~~ shelter, clothing and growth of the species. They interact through various physical and chemical processes of nature.

(ii) 2 What do you mean by natural environment?

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

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

Ans. Natural and man made are the major components of environment.

(i) Natural - Trees, lakes

(ii) Man made - Road, buildings.

(iv) Give four examples of human-made environment.

Ans. Vehicles, Building, Road, Park.

(v) What is ~~the~~ 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.

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

Ans (i) Plants
(ii) Animals.

(vii) 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.

Q.4 Give Reasons.

(i) Man modifies his environment.

⇒ Man modifies his environment because they are capable of modifying it according to their needs and live comfortable life. Human learn new ways to use and change environment and invented many things. Industrial Revolution, Transportation became faster. Information revolution made communication easier and speedy across the world.

(ii) Plants and animals depends on each other.
Ans. Plants and animals depends on each other for their sustainability. Animals consume plants as they are the only Producers and also takes oxygen from them. Plants are dependent on animal as they give out carbon dioxide which is important for Photosynthesis. Also, dead remains of animals provide nutrients to the plants.

NOTE: → Tick the correct answer and Match the following students do yourself.