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Chapter-1, Lecture-1 (Relationship between living and non-living things)
Class date-18/10/2020



Answers

1. Plants depend on animals for producing nutrients, pollination and dispersal of seeds
2. Three examples of three non-living things on which humans depend are- soil, water, air.
3. Living things depend on air, because carbon dioxide and oxygen are very important for the survival of plants and animals. Plants use carbon dioxide for producing food and emit oxygen in the air. Again, all the animals including human beings take this oxygen for breathing and emit carbon dioxide. So, we can say that living things are dependent on air for their survival.
4. Plants need sunlight for producing their food. A plant does not get enough sunlight inside the room. So, it cannot produce its own food. As a result, it appears to be dying. If it is moved close to the window, it will get enough sunlight to prepare its food. Thus, it will be fresh and grow normally, that is why, my friend suggests that I should move the plant close to the window.
5. Water acts as a habitat of lily, hyacinth etc.
6. Plants produce oxygen and animals need oxygen to live. By producing oxygen plants help animals to breathe.
7. Two examples of the dependence of living things on environment are:
 - i) All animals including human beings depend on air for breathing.
 - ii) Plants depend on sunlight for food production.
8. Ecosystem:

All the living and non-living things and their interaction in a place is called an ecosystem.
9. Animals and plants can't survive without non-living things.
10. Air, water and food are necessary for the survival of living things.

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