

Name: _____ Date: _____

Conservation of Plants and Animals

Q1. How does deforestation lead to frequent floods?

Ans. _____

Q2. What is desertification?

Ans. _____

Q3. What is the reason for global warming?

Ans. _____

Q4. Explain how by killing small animals, we are actually harming ourselves.

Ans. _____

Conservation of Plants and Animals

Q1. How does deforestation lead to frequent floods?

Ans. Deforestation leads to a decrease in the water holding capacity of the soil. The movement of water from the soil surface into the ground (infiltration rate) is reduced. A lot of rain water from deforested soil rushes into the river quickly, causing floods.

Q2. What is desertification?

Ans. Trees roots hold the soil in position and prevent soil erosion. Fewer trees result in more soil erosion. Removal of the top layer of the soil exposes the lower, hard and rocky layers. This soil has less humus and is less fertile. Gradually the fertile land gets converted into deserts. It is called desertification.

Q3. What is the reason for global warming?

Ans. Plants need carbon dioxide for photosynthesis. Fewer trees would mean that less carbon dioxide will be used up resulting in its increased amount in the atmosphere. Carbon dioxide traps the heat rays reflected by the earth. Trapping of heat rays by carbon dioxide increases the temperature of earth's atmosphere. This will lead to global warming.

Q4. Explain how by killing small animals, we are actually harming ourselves.

Ans. At times, we kill snakes, frogs, lizards, bats and owls ruthlessly without realising their importance in the ecosystem. By killing them we are harming ourselves. They might be small in size but their role in the ecosystem cannot be ignored. They form part of food chains and food webs which are essential for maintaining a balance in nature.