

St. Peter's Sr.Sec School jaora

Class V

Science

Chapter 14 - Our Environment

A. Answer these questions :

1. What do you mean by environment?

Ans Our environment consist of land, air, water, plants, humans, animals, etc.

All things in our surroundings form our environment.

2. What is pollution ?

Ans when some harmful substances mix in air, water or soil and spoil them, it is called pollution. Pollution is affecting us badly and making our life troublesome.

3. Mention two activities of humans that have damaged the environment.

Ans 1. Cutting down forest to make space for cities and farms.

2. Hunting animals for clothing and cosmetics.

4. List three effects of air pollution.

Ans Effects of air pollution are given below -

1. Global warming

Air pollution increase the level of carbon dioxide in the air. The effect of this is that the atmosphere retains more of the heat of sunlight. This may result in increase in the temperature of the atmosphere. This is called global warming.

2. Acid rain

In several powerhouses, coal is burnt to generate electricity. The harmful gases released in the process mix with vapour in the air to form harmful substances called acids. These acids come down with rain, and cause damage to the soil, plants and buildings. Such a rain is called acid rain.

3. Removal of Ozone layer

Certain pollutant gases affect the ozone layer in the upper atmosphere. The ozone layer protects us from harmful ultraviolet rays, present in sunlight.

How is water polluted?

Ans The contamination of water with harmful things is called water pollution.

The main cause of water water pollution are

1. Waste from industries and farms are dumped into the rivers and seas. It is the major cause of water pollution.
2. Sewage from hospitals and homes are thrown into water bodies which makes them polluted.

B. Fill in the blanks

1. The study of ecosystem is called Ecology.
2. Term Ecology is derived from Greek word oikos.
3. The advancement in science and technology has made our lives comfortable.
4. The ozone layer protects us from harmful ultraviolet rays.
5. Hunting is not allowed in wildlife parks.

C. True or false

1. Under normal conditions, an ecosystem remains in a stable state - True
2. Sometimes pollution is good for environment - False
3. Removal of ozone layer causes acid rain - False
4. Arsenic poisoning causes balck patches on skin - True

D. Tick the correct answer:

1. The study of ecosystem is called

Ans Ecology

2. Gir National Park is located in

Ans Gujrat

3. Corbett National park is located in

Ans Uttarakhand

4. Kaziranga wildlife sanctuary is located in

Ans Assam

