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Class- 5, Subject- Science
Chapter-2, Lecture-2 (Answer)
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Cosmo School

Chapter-2

Lecture-2

Environmental Pollution

1) **Definition:** The addition of harmful gases, dust particles, smoke or odour into the air into the air is known as air pollution.

Causes:

- i) Smoke emitted from vehicles and industries is one of the main causes of air pollution.
- ii) Smoke emitted from burning wood and garbage is also causes air pollution.
- iii) Throwing garbage or urinating anywhere causes the foul odour in the air.

Effects:

- i) Air pollution can have negative effects on environment such as global warming and acid rain.
- ii) Air pollution can also make people sick with lung cancer, respiratory diseases etc.
- iii) Due to air pollution crop production will decreased.

2) **Definition:** Water pollution is the addition of harmful things to water.

Causes:

- i) Waste water from household or factories make water polluted.
- ii) Harmful things from sewage is also responsible for water pollution.
- iii) Washing clothes in river or pond is responsible for water pollution.
- iv) If we throw garbage and waste into water then it can pollute water.
- v) Fertilizer, insecticide and pesticides washed from agricultural field in also responsible for water pollution.

3) **Definition:** Noise pollution is sound in the environment that harms the health of human or animal life.

Harmful Impact:

- i) Noise pollution has severe mental and physical effects on human health.
- ii) Noise pollution can cause depression.
- iii) Due to noise pollution people loss their hearing capability.
- iv) People cannot have sound sleep due to noise pollution.
- v) Loss of productivity is caused by noise pollution.

4) **Negative impact of soil pollution on human health:**

Soil pollution has negative impact on human health. People may get sick with various diseases including cancer by taking foods grown in polluted soil. Sometime soil pollution increased toxic level in human body. Some dusts generated from polluted soil can travel thousands of miles and affect people long distances from where they originated. So, we can say that soil pollution always has a negative impact in human health.

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5) Water pollution and soil pollution are the two major causes of environment pollution. Water pollution means adding of harmful things in water. Soil pollution is the contamination of soil with harmful things. Water pollution and soil pollution are same because they are caused by the same reasons. Water is polluted because we dump garbage and harmful chemical into the water. Soil is also polluted by dumping of waste, chemicals like fertilizers etc in the soil. Both water and soil pollution are very harmful for animals and plant. They cause many diseases and harm the environment. So, if we think about the causes and effects of soil and water pollution, they are much alike.