



## Chapter-14

### Population and Natural Environment

#### **2.Impact of Population growth on environment:**

##### **Negative Impact on Environment:**

- a. Deforestation can cause soil erosion and landslides.
- b. Loss of forest can cause the changes of ecosystem.
- c. Excessive population can destruct the habitats of living things and their extinction.
- d. Excessive use of chemical fertilizer and pesticide can cause soil pollution and water pollution.
- e. Harmful gases emitted from factories and vehicles causes air pollution that results global warming and acid rain.

#### **3.Role of science and technology to solve population problems:**

##### **Biotechnology:**

A technology that is uses the living systems and living things for human welfare. It is used to grow plants that are more nutritious, disease resistant and more productive.

##### **Hybrid Car:**

Car that uses two kinds of fuel such as gasoline and electricity as two sources of energy. It can help reducing the use of fossil fuel.

#### **How science and technology can solve population problem?**

Ans: Contribution of science and technology to solve population problems:

- a. Use agricultural machinery that helps people growing a lot of food in the shortest period.
- b. It can help people to use less non-renewable resources.
- c. Science and technology can help reducing the use of fossil fuel.

Prepared By  
Lamyea Alam  
Assistant Teacher (Science)  
Class-5  
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### Exercise-2

1. Which needs will increase due to population growth?
2. Give three examples of negative impact of population growth on the environment.
3. Why do we have to learn science and technology?
4. Why do people use chemical fertilizers and pesticides in agriculture?
5. What are the effects of clearing forests on environment?
6. Why does population growth make people get diseases easily?
7. Write two names of fuel which can be used in the hybrid car.
8. Write a cause of soil erosion.
9. Write the features of hybrid car.
10. What will be the effect on food due to the increase of population?
11. What is meant by self – employment?