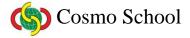
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### **Chapter-14**

### **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:**

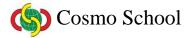
Car that uses two kinds of fuel such as gasoline and electricity as two sources of energy. It can help reducing the use of fossil fuel.

# 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.

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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. Ehat are the effects of clearing forests on environment?
- 6. Why does population growth make people get diseases easily?
- 7. Write two name of fuel which can be used in the hybrid car.
- 8. Write a cause of soil erosion.
- 9. Write the feature of hybrid car.
- 10. What will be the effect on food due to the increase of population?
- 11. What is meant by self employment?