

# Science

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(Chapter 15)(Our Environment)  
Class - 10

 Page 264

## Question 1:

What is ozone and how does it affect any ecosystem?

### Answer 1:

Ozone (O<sub>3</sub>) is a molecule formed by three atoms of oxygen. Ozone, is a deadly poison. However, at the higher levels of the atmosphere, ozone performs an essential function. It shields the surface of the earth from ultraviolet (UV) radiation from the Sun.

This radiation is highly damaging to organisms, for example, it is known to cause skin cancer, cataract and damage the immune system in human beings. It also destroys plants and reduces photosynthesis process.

## Question 2:

How can you help in reducing the problem of waste disposal? Give any two methods.

### Answer 2:

- By minimising the use of disposal items and promoting the use of recycled articles.
- Separating biodegradable and non-biodegradable waste before dumping them.
- Recycling the non-biodegradable waste material.