

Name: \_\_\_\_\_ Date: \_\_\_\_\_

Pollution of Air and Water

Q1. Write any three ways of controlling water pollution.

Ans. \_\_\_\_\_  
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Q2. Why does the increased level of nutrients in the water affect the survival of aquatic organisms?

Ans. \_\_\_\_\_  
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Q3. Describe the 'Green House Effect' in your own words.

Ans. \_\_\_\_\_  
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## Pollution of Air and Water

Q1. Write any three ways of controlling water pollution.

Ans. Ways of controlling water pollution

- i. Sewage water should be treated to make it harmless before discharging it into water bodies such as lakes, rivers, and oceans.
- ii. All the industries should treat the toxic wastes before discharging them into water bodies.
- iii. Garbage should not be thrown into open drains, rivers, lakes or ponds.

Q2. Why does the increased level of nutrients in the water affect the survival of aquatic organisms?

Ans. Excessive quantities of chemicals (fertilizers, pesticides and weedicides) which get washed from the fields act as nutrients for algae to flourish. Once these algae die, they serve as food for decomposers like bacteria. A lot of oxygen in the water body gets used up. This results in a decrease in the oxygen level which may kill aquatic organisms.

Q3. Describe the 'Green House Effect' in your own words.

Ans. The greenhouse effect is a warming of Earth's surface and the air above it. The sun's rays warm the earth's surface. A part of the radiation that falls on the earth is absorbed by it and a part is reflected back into space. A part of the reflected radiation is trapped by the atmosphere. The trapped radiations further warm the earth. This process is called the greenhouse effect. Without this process, life would not have been possible on the earth.