

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

Pollution of Air and Water

Q1. Describe the threat to the beauty of the Taj Mahal.

Ans. \_\_\_\_\_  
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Q2. What are the different ways in which water gets contaminated?

Ans. \_\_\_\_\_  
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Q3. At an individual level, how can you help reduce air pollution?

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

Q1. Describe the threat to the beauty of the Taj Mahal.

Ans. The beauty of the Taj Mahal in white marble is being threatened by air pollution in the area surrounding the Taj. Due to increase in pollutants like sulphur dioxide and nitrogen dioxide in air, acid rain take place. Acid rain corrodes the marble of the monument. The phenomenon is also called "Marble cancer". Suspended particulate matter, such as the soot particles emitted by Mathura oil refinery, has contributed towards yellowing of the marble.

Q2. What are the different ways in which water gets contaminated?

Ans. Following are the different ways in which water gets contaminated:

- i. Many industries discharge harmful chemicals into rivers and streams, causing the pollution of water.
- ii. Pesticides and weedicides used for the protection of crops get dissolve in water and are washed into water bodies from the fields. They also seep into the ground to pollute ground water.
- iii. Sometimes untreated sewage is thrown directly into rivers which pollute the river water.

Q3. At an individual level, how can you help reduce air pollution?

Ans. An individual can reduce air pollution by:

- i. By using public transport or car pool as far as possible.
- ii. By not using vehicles for short distances.
- iii. By using clean fuels such as LPG and CNG instead of diesel and petrol.
- iv. By disposing the garbage properly.
- v. By controlling the emissions from vehicles and household chimneys.
- vi. By planting trees in the surroundings.
- vii. By saying no to crackers.