

Acid Rain Quiz PDF

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Which of the following materials are most affected by acid rain?

- Plastic
- Limestone
- Marble
- Steel

Discuss the role of international cooperation in addressing the issue of acid rain.

How does acid rain affect soil quality and plant life?

What are some global effects of acid rain?

- Cross-border pollution
- Global warming
- Biological diversity loss

- Ocean acidification

Which of the following are potential health impacts related to the pollutants causing acid rain?

- Respiratory problems
 Skin cancer
 Cardiovascular issues
 Improved digestion

What are some technological advancements that have been made to reduce emissions causing acid rain?

What is the primary cause of acid rain?

- Carbon dioxide emissions
 Sulfur dioxide and nitrogen oxides emissions
 Methane emissions
 Ozone depletion

What is the typical pH level of acid rain?

- Above 7
 Exactly 7
 Below 5.6
 Between 6 and 7

Which of the following are effects of acid rain on the environment?

- Acidification of lakes and streams
 Improved air quality
 Damage to forests
 Increased soil fertility

Which of the following is a natural source of acid rain?

- Car exhaust
- Volcanic eruptions
- Factory emissions
- Deforestation

What is the primary human activity contributing to acid rain?

- Agriculture
- Transportation
- Industrial combustion of fossil fuels
- Urban development

Which region is most affected by acid rain in the United States?

- Southwest
- Midwest
- Northeast
- Southeast

Which U.S. legislation aims to reduce acid rain?

- Clean Water Act
- Endangered Species Act
- Clean Air Act
- National Environmental Policy Act

Why is acid rain considered a transboundary environmental issue, and what challenges does this pose for mitigation efforts?

Explain how sulfur dioxide and nitrogen oxides contribute to the formation of acid rain.

Describe the impact of acid rain on aquatic ecosystems.

Which pollutants are primarily responsible for the formation of acid rain?

- Carbon monoxide
- Sulfur dioxide
- Nitrogen oxides
- Methane

What is the role of scrubbers in industrial plants?

- Increase emissions
- Reduce emissions
- Monitor emissions
- Measure emissions

Which type of rock is most susceptible to damage from acid rain?

- Granite
- Basalt
- Limestone
- Sandstone

What are some methods to reduce acid rain?

- Use of scrubbers in power plants
- Increasing fossil fuel use
- Transition to renewable energy sources
- Implement stricter emission regulations