

## Global Warming Quiz Answer Key PDF

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**Why is it important for countries to work together to address global warming?**

- A. Climate change is a local issue.
- B. Global warming requires international cooperation. ✓**
- C. Countries can solve climate change independently.
- D. International efforts are unnecessary.

**Which sector is the largest source of methane emissions?**

- A. Transportation
- B. Agriculture ✓**
- C. Industry
- D. Residential heating

**What is the primary cause of global warming?**

- A. Solar flares
- B. Greenhouse gas emissions ✓**
- C. Volcanic eruptions
- D. Ocean currents

**Which gas is most responsible for the greenhouse effect?**

- A. Oxygen
- B. Nitrogen
- C. Carbon dioxide ✓**
- D. Helium

**What are some strategies for mitigating global warming? (Select all that apply)**

- A. Increasing fossil fuel use
- B. Transition to renewable energy ✓**
- C. Enhancing energy efficiency ✓**
- D. Promoting deforestation

**What international agreement aims to limit global warming to below 2°C?**

- A. Montreal Protocol
- B. Paris Agreement ✓**
- C. Kyoto Protocol
- D. Geneva Convention

**Which of the following is a renewable energy source?**

- A. Coal
- B. Natural gas
- C. Wind ✓**
- D. Nuclear

**What are some impacts of global warming on human health? (Select all that apply)**

- A. Increased heat-related illnesses ✓**
- B. Decreased spread of diseases
- C. Food and water scarcity ✓**
- D. Improved air quality

**Explain how deforestation contributes to global warming.**

- A. Deforestation increases carbon emissions.
- B. Deforestation reduces CO<sub>2</sub> absorption. ✓**
- C. Deforestation has no impact on global warming.
- D. Deforestation increases biodiversity.

**Describe the role of the Intergovernmental Panel on Climate Change (IPCC) in addressing global warming.**

- A. The IPCC conducts climate change experiments.
- B. The IPCC provides scientific assessments. ✓**

- C. The IPCC enforces climate policies.
- D. The IPCC promotes fossil fuel use.

**What are the potential consequences of rising sea levels for coastal communities?**

- A. Increased tourism opportunities.
- B. Floods and erosion. ✓**
- C. Improved fishing conditions.
- D. More land for agriculture.

**Discuss the importance of renewable energy in mitigating global warming.**

- A. Renewable energy is more expensive than fossil fuels.
- B. Renewable energy reduces greenhouse gas emissions. ✓**
- C. Renewable energy has no impact on global warming.
- D. Renewable energy increases fossil fuel dependency.

**What are some adaptation strategies for dealing with global warming? (Select all that apply)**

- A. Building flood defenses ✓**
- B. Ignoring climate change impacts
- C. Develop drought-resistant crops ✓**
- D. Improving water management ✓**

**How can individuals reduce their carbon footprint to combat global warming?**

- A. Using more fossil fuels.
- B. Using energy-efficient appliances. ✓**
- C. Driving more frequently.
- D. Avoid recycling.

**Which of the following are effects of global warming? (Select all that apply)**

- A. Increased frequency of heatwaves ✓**
- B. Decreased global temperatures
- C. Rising sea levels ✓**

**D. More severe storms ✓**

**What is the main purpose of carbon sequestration?**

- A. To increase carbon emissions
- B. To capture and store carbon dioxide ✓**
- C. To produce more fossil fuels
- D. To enhance agricultural productivity

**Which organization provides scientific assessments on climate change?**

- A. World Health Organization (WHO)
- B. Intergovernmental Panel on Climate Change (IPCC) ✓**
- C. United Nations Educational, Scientific and Cultural Organization (UNESCO)
- D. International Monetary Fund (IMF)

**Which gases are considered greenhouse gases? (Select all that apply)**

- A. Methane (CH<sub>4</sub>) ✓**
- B. Oxygen (O<sub>2</sub>)
- C. Nitrous oxide (N<sub>2</sub>O) ✓**
- D. Carbon dioxide (CO<sub>2</sub>) ✓**

**What is a significant effect of global warming on the oceans?**

- A. Decreased salinity
- B. Rising sea levels ✓**
- C. Increased biodiversity
- D. Decreased wave activity

**Which of the following are indicators of global warming? (Select all that apply)**

- A. Rising global temperatures ✓**
- B. Expanding ice sheets
- C. Glacial retreat ✓**
- D. Rising sea levels ✓**