

## Climate Change Quiz PDF

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**What are some ways individuals can reduce their carbon footprint?**

**Explain the difference between climate change mitigation and adaptation.**

**How does climate change affect biodiversity and ecosystems?**

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

Coal

- Natural Gas
- Solar Power
- Nuclear Power

**What is the main cause of sea-level rise?**

- Increased rainfall
- Melting ice caps and glaciers
- Expansion of seawater as it warms
- Both B and C

**What is the difference between climate and weather?**

- Climate is short-term; weather is long-term.
- Climate is long-term; weather is short-term.
- Climate and weather are the same.
- Climate is unpredictable; weather is predictable.

**What is the primary focus of climate change mitigation?**

- Reducin emissions
- Building sea walls
- Educating the public
- Relocating populations

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

- Carbon Dioxide
- Methane
- Oxygen
- Nitrous Oxide

**Which of the following are considered renewable energy sources? (Select all that apply)**

- Wind
- Solar
- Oil
- Hydroelectric

**What are potential human impacts of climate change? (Select all that apply)**

- Health risks
- Economic growth
- Food scarcity
- Water scarcity

**What are some observable impacts of climate change? (Select all that apply)**

- Rising sea levels
- Increased biodiversity
- More frequent extreme weather events
- Stable global temperatures

**Explain the role of the Intergovernmental Panel on Climate Change (IPCC) in addressing climate change.**

**Describe how deforestation contributes to climate change.**

**Discuss the economic challenges that countries face when implementing climate change policies.**

**Which of the following is a natural cause of climate change?**

- Deforestation
- Volcanic eruptions
- Fossil fuel burning
- Industrial emissions

**What is the primary greenhouse gas responsible for global warming?**

- Methane
- Nitrous Oxide
- Carbon Dioxide
- Ozone

**Which technologies are aimed at achieving carbon neutrality? (Select all that apply)**

- Carbon capture and storage
- Fossil fuel extraction
- Electric vehicles
- Coal power plants

**Which strategies are part of climate change adaptation? (Select all that apply)**

- Building resilient infrastructure
- Transition to renewable energy
- Develop sustainable agricultural practices
- Implement carbon taxes

**Which sector is the largest contributor to global greenhouse gas emissions?**

- Agriculture
- Transportation
- Industry

Energy

**Which international agreement aims to limit global warming to below 2 degrees Celsius?**

- Kyoto Protocol
- Paris Agreement
- Montreal Protocol
- Geneva Convention