

Name \_\_\_\_\_

## Unraveling Climate Change: Understanding the Earth's Changing Climate

### Multiple Choice Questions

1. What is climate change?
  - a) Long-term shifts in atmospheric conditions
  - b) Short-term fluctuations in temperature
  - c) Sudden changes in weather patterns
  - d) Natural variations in Earth's climate
  
2. What are the primary causes of climate change?
  - a) Volcanic eruptions
  - b) Release of greenhouse gases
  - c) Changes in Earth's orbit
  - d) Variation in solar radiation
  
3. How do greenhouse gases contribute to climate change?
  - a) By cooling the Earth's atmosphere
  - b) By trapping heat from the sun
  - c) By reducing humidity levels
  - d) By increasing cloud cover
  
4. What are some impacts of climate change on ecosystems?
  - a) Increased biodiversity
  - b) Expansion of polar ice caps
  - c) Disruption of habitats
  - d) Decrease in sea levels
  
5. Who is particularly at risk from the impacts of climate change?
  - a) Teenagers
  - b) Scientists
  - c) Athletes
  - d) Elderly

