

Name \_\_\_\_\_

## Weather Wonders: Unraveling the Mysteries of Extreme Events

### Multiple Choice Questions

1. What geographic factor can lead to different weather conditions on the windward and leeward sides of a mountain range?
  - a. High-pressure systems
  - b. Climate change
  - c. El Niño
  - d. Orographic lifting
  
2. Which climate phenomenon is associated with warmer ocean temperatures and can bring heavy rainfall and flooding?
  - a. Drought
  - b. La Niña
  - c. El Niño
  - d. Urban heat island effect
  
3. When are heatwaves most likely to occur?
  - a. In the spring
  - b. During El Niño events
  - c. In the summer
  - d. During La Niña events
  
4. What human activities can exacerbate drought conditions?
  - a. Early warning systems
  - b. Water conservation
  - c. Over-extraction of groundwater
  - d. Urban planning
  
5. What can communities do to prepare for extreme weather events and reduce their impact?
  - a. Ignore early warning systems
  - b. Over-extract groundwater
  - c. Implement water conservation measures
  - d. Avoid urban planning

