

Name \_\_\_\_\_

## Meteor Showers: Celestial Fireworks in the Night Sky

### Multiple Choice Questions

1. What causes meteor showers?
  - a) Earth's gravitational pull on meteoroids
  - b) The collision of comets and asteroids
  - c) The release of gas and dust by comets and asteroids
  - d) Solar flares from the Sun
  
2. Why do some meteor showers yield more meteors per hour than others?
  - a) The size of the meteoroids
  - b) The proximity of the meteoroids to Earth
  - c) The time of day when the meteor shower occurs
  - d) The phase of the Moon
  
3. Which of the following is NOT a recommended tip for viewing meteor showers?
  - a) Starting your stargazing adventure before midnight
  - b) Choosing a dark, rural location away from artificial lights
  - c) Using telescopes or binoculars to enhance your view
  - d) Dressing warmly and bringing blankets for comfort
  
4. What is the "meteor shower maximum"?
  - a) The time when meteor showers are at their least active
  - b) The time when meteor showers are first visible in the sky
  - c) The peak activity of a meteor shower when the most meteors are visible per hour
  - d) The time when meteor showers can be seen during daylight
  
5. Which meteor shower is associated with the month of August and is known for its reliable and dazzling display?
  - a) The Orionids
  - b) The Perseids
  - c) The Geminids
  - d) The Taurids

