

Name \_\_\_\_\_

## The Significance of the Rosetta Mission to Comet 67P

### Multiple Choice Questions

1. What is the primary goal of the Rosetta mission?
  - a) To study the Sun's surface
  - b) To study the formation of comets
  - c) To explore Mars' atmosphere
  - d) To analyze the Moon's composition
  
2. Who discovered Comet 67P/Churyumov-Gerasimenko?
  - a) Isaac Newton
  - b) Klim Churyumov and Svetlana Gerasimenko
  - c) Galileo Galilei
  - d) Johannes Kepler
  
3. What was the historic achievement of the Philae lander during the Rosetta mission?
  - a) Discovering the origins of life on Earth
  - b) Successfully landing on the surface of a comet
  - c) Observing the Sun's activity
  - d) Investigating the atmosphere of Mars
  
4. How did Rosetta reach Comet 67P with great accuracy?
  - a) It used a warp drive to travel through space.
  - b) It performed gravity-assist maneuvers using the gravitational pull of Earth and Mars.
  - c) It relied on its powerful rocket engines for precise navigation.
  - d) It used a wormhole to teleport to the comet's location.
  
5. What was the ultimate fate of the Rosetta spacecraft at the end of its mission?
  - a) It was destroyed by a meteor impact.
  - b) It was captured by Comet 67P and became a permanent fixture.
  - c) It was deliberately crashed onto the surface of Comet 67P.
  - d) It returned to Earth with valuable comet samples.

