

Name \_\_\_\_\_

## The Green Bank Observatory: Where the Stars Sing Songs of Secrets

### Multiple Choice Questions

1. What is the primary function of the Green Bank Telescope (GBT)?
  - a. Sending radio signals to space
  - b. Observing distant galaxies
  - c. Mapping the Earth's surface
  - d. Studying ocean currents
  
2. Why is the Green Bank Observatory located in the National Radio Quiet Zone?
  - a. To restrict access to the telescope
  - b. To provide a peaceful environment for visitors
  - c. To allow the telescope to observe celestial objects without radio interference
  - d. To minimize light pollution from nearby cities
  
3. What role has the Green Bank Telescope played in astronomy?
  - a. It has studied marine life in the oceans.
  - b. It has mapped the surface of Mars.
  - c. It has observed distant galaxies and searched for signs of extraterrestrial intelligence.
  - d. It has explored the Earth's core.
  
4. Who is welcome to visit the Green Bank Observatory?
  - a. Only scientists and researchers
  - b. Visitors of all ages
  - c. Visitors from other countries
  - d. Only astronomers and astrophysicists
  
5. What is the Green Bank Observatory's significance in studying the universe?
  - a. It makes loud noises that reach the cosmos.
  - b. It captures the beauty of the universe through photography.
  - c. It listens to the faintest signals from celestial objects without interference.
  - d. It produces artificial light to observe the night sky.

