

Name _____

Neptune: The Mysteries of the Blue Giant

Multiple Choice Questions

1. Why is Neptune often referred to as the "Blue Giant"?
 - a) It is the largest planet in the solar system.
 - b) Its atmosphere is primarily composed of oxygen.
 - c) Methane in its upper atmosphere reflects blue light.
 - d) It has a vast system of bright rings.

2. Which feature in Neptune's atmosphere is comparable to Jupiter's Great Red Spot?
 - a) The presence of methane clouds
 - b) The intense blue coloration
 - c) The retrograde orbit of Triton
 - d) The Great Dark Spot

3. What sets Triton, one of Neptune's moons, apart from most other natural satellites in the solar system?
 - a) It has a prograde orbit.
 - b) It is the smallest moon of Neptune.
 - c) It has a retrograde orbit.
 - d) It is composed primarily of rock.

4. When was Neptune officially discovered, and how was its discovery made possible?
 - a) In 1989, by NASA's Voyager 2 spacecraft
 - b) In 1846, through mathematical predictions and observations
 - c) In 1781, by Sir William Herschel's telescope
 - d) In 1877, by the Hubble Space Telescope

5. How many spacecraft have visited Neptune to date?
 - a) Three
 - b) Two
 - c) One
 - d) None

