

Name _____

Jupiter: The Giant of the Solar System

Multiple Choice Questions

1. What is Jupiter primarily composed of?
 - a) Rocks and minerals
 - b) Hydrogen and helium gases
 - c) Water and ice
 - d) Metallic elements

2. What is the Great Red Spot on Jupiter?
 - a) A giant mountain range
 - b) A massive storm system
 - c) An enormous volcano
 - d) A region of dense cloud cover

3. Why is Jupiter considered a gas giant?
 - a) Because it is made entirely of solid rock.
 - b) Because it has no atmosphere.
 - c) Because it is primarily composed of gases, mainly hydrogen and helium.
 - d) Because it has a solid surface.

4. What are the four largest moons of Jupiter called?
 - a) The Martian moons
 - b) The Galilean moons
 - c) The Saturnian moons
 - d) The Neptunian moons

5. Why is Jupiter's magnetic field hazardous for spacecraft?
 - a) It can cause the spacecraft to lose power.
 - b) It can cause communication interference.
 - c) It can trap charged particles and create intense radiation belts.
 - d) It can cause the spacecraft to crash into Jupiter.

