

Advanced Space Exploration Knowledge

Space Exploration · Practice Test · 8 Questions

1. Which specific mission was the first to successfully land a human on the Moon?

- A) Apollo 8
- B) Apollo 11
- C) Apollo 13
- D) Apollo 7

2. What is the name of the first artificial satellite launched into Earth's orbit by the Soviet Union in 1957?

- A) Explorer 1
- B) Vostok 1
- C) Sputnik 1
- D) Luna 2

3. Which planet in our solar system was the primary destination for the Voyager 2 probe to conduct a flyby of in 1989?

- A) Saturn
- B) Jupiter
- C) Uranus
- D) Neptune

4. The 'Great Red Spot' is a massive, persistent high-pressure storm system located on which gas giant?

- A) Jupiter
- B) Saturn
- C) Neptune
- D) Uranus

5. Which space agency developed the 'Curiosity' rover that landed on Mars in 2012?

- A) ESA
- B) NASA
- C) JAXA
- D) Roscosmos

6. In orbital mechanics, what is the 'apoapsis' of an elliptical orbit?

- A) The point closest to the center of the body being orbited
- B) The point furthest from the center of the body being orbited
- C) The speed at which an object achieves orbit
- D) The path an object takes around a star

7. Who was the first woman to travel into space, orbiting the Earth 48 times in 1963?

- A) Sally Ride
- B) Valentina Tereshkova
- C) Peggy Whitson
- D) Yelena Kondakova

8. Which telescope was launched in 1990 to provide high-resolution images of deep space, operating above the distortion of Earth's atmosphere?

- A) James Webb Space Telescope
- B) Spitzer Space Telescope
- C) Hubble Space Telescope
- D) Kepler Space Telescope