

Solar System Discoveries and Firsts

Astronomy · Practice Test · 15 Questions

1. Who was the first person to step onto the surface of the Moon?

- A) Neil Armstrong
- B) Buzz Aldrin
- C) Yuri Gagarin
- D) John Glenn

2. Which scientist used a telescope to discover the four largest moons of Jupiter?

- A) Isaac Newton
- B) Galileo Galilei
- C) Nicolaus Copernicus
- D) Edwin Hubble

3. What was the first artificial satellite to orbit the Earth?

- A) Explorer 1
- B) Vostok 1
- C) Sputnik 1
- D) Hubble

4. Who was the first human to travel into space?

- A) Alan Shepard
- B) Neil Armstrong
- C) Yuri Gagarin
- D) Valentina Tereshkova

5. Which planet was the first to be discovered using mathematical predictions rather than direct observation?

- A) Neptune
- B) Mars
- C) Saturn
- D) Venus

6. What was the name of the first spacecraft to land on Mars?

- A) Curiosity
- B) Viking 1
- C) Pathfinder
- D) Sojourner

7. Which woman was the first to fly in space?

- A) Sally Ride
- B) Peggy Whitson
- C) Valentina Tereshkova
- D) Kalpana Chawla

8. Which space telescope was launched in 1990 to provide clear views of the solar system and deep space?

- A) James Webb
- B) Hubble
- C) Kepler
- D) Chandra

9. What was the first probe to visit the outer solar system and exit into interstellar space?

- A) Voyager 1
- B) Pioneer 10
- C) New Horizons
- D) Cassini

10. Who proposed the heliocentric model, placing the Sun at the center of the solar system?

- A) Ptolemy
- B) Aristotle
- C) Nicolaus Copernicus
- D) Johannes Kepler

11. Which planet was discovered by William Herschel in 1781?

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

12. What was the first spacecraft to successfully land on Venus?

- A) Mariner 2
- B) Venera 7
- C) Magellan
- D) Vega 1

13. The first human-made object to reach the surface of the Moon was part of which mission series?

- A) Apollo
- B) Luna
- C) Surveyor
- D) Ranger

14. Which planet was famously demoted from its status as a major planet in 2006?

- A) Ceres
- B) Eris
- C) Pluto
- D) Mercury

15. What was the name of the first private spacecraft to carry humans to the International Space Station?

- A) Dragon
- B) Starliner
- C) Orion
- D) Soyuz