

Space Exploration Mastery

Space Exploration · Answer Key · 10 Questions

1. Which planet was the first to be visited by a human-made spacecraft, specifically the Mariner 2 probe in 1962?

- A) Mars
- B) Venus**
- C) Jupiter
- D) Mercury

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

- A) Vostok 1
- B) Explorer 1
- C) Sputnik 1**
- D) Gemini 4

3. Who was the first human to conduct a spacewalk, officially known as an Extravehicular Activity (EVA), in 1965?

- A) Alexei Leonov**
- B) Yuri Gagarin
- C) Neil Armstrong
- D) Buzz Aldrin

4. Which space telescope, launched in 1990, has provided some of the most detailed images of deep space nebulae and galaxies?

- A) James Webb
- B) Kepler
- C) Hubble**
- D) Spitzer

5. The Apollo 11 mission landed the first humans on the Moon in which year?

- A) 1967
- B) 1968
- C) 1969**
- D) 1970

6. Which robotic rover was the first to successfully land and operate on the surface of Mars in 1997?

- A) Curiosity
- B) Sojourner**
- C) Perseverance
- D) Opportunity

7. What is the primary purpose of the International Space Station (ISS)?

- A) To serve as a tourist hotel
- B) To conduct scientific research in microgravity**
- C) To launch rockets to other planets
- D) To monitor Earth's weather patterns

8. Which country successfully placed the Chang'e 4 probe on the far side of the Moon for the first time in history?

- A) USA
- B) Russia
- C) China**
- D) India

9. What celestial body does the Juno spacecraft orbit to study its atmosphere and magnetic field?

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

10. The Voyager 1 probe, launched in 1977, is famous for being the first human-made object to reach what region of space?

- A) The Asteroid Belt
- B) Interstellar space**
- C) The Oort Cloud
- D) The Kuiper Belt