

Space Exploration Fundamentals

Space Exploration · Practice Test · 8 Questions

1. Which mission was the first to successfully land humans on the Moon?

- A) Apollo 11
- B) Apollo 13
- C) Apollo 8
- D) Gemini 4

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) Cosmos 1

3. Which planet has been the primary destination for the Curiosity and Perseverance rovers?

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

4. What is the main function of the International Space Station (ISS)?

- A) Mining asteroid minerals
- B) Testing long-term human survival in microgravity
- C) Building weapons for defense
- D) Refueling commercial airlines

5. Who was the first woman to travel into space?

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

6. Which space telescope, launched in 1990, has provided iconic images of distant galaxies and nebulae?

- A) Kepler Space Telescope
- B) James Webb Space Telescope
- C) Hubble Space Telescope
- D) Chandra X-ray Observatory

7. What type of engine is commonly used to launch rockets into space by burning fuel and an oxidizer?

- A) Chemical rocket engine
- B) Solar sail
- C) Ion thruster
- D) Nuclear pulse propulsion

8. Which agency is responsible for the space exploration programs of the United States?

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