

History of Space and the Universe

World History & Science · Answer Key · 12 Questions

1. Which nation launched the first artificial satellite, Sputnik 1, into orbit in 1957?

- A) United States
- B) Soviet Union**
- C) China
- D) United Kingdom

2. In 1961, who became the first human to journey into outer space and orbit the Earth?

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

3. Which Apollo mission successfully landed the first humans on the Moon in July 1969?

- A) Apollo 8
- B) Apollo 11
- C) Apollo 13**
- D) Apollo 17

4. Launched in 1990, which space telescope has provided some of the most detailed images of distant galaxies?

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

5. Which planet in our solar system is known for having the most extensive and visible ring system?

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

6. What is the primary gas that makes up the atmosphere of Mars?

- A) Oxygen
- B) Nitrogen
- C) Carbon Dioxide**
- D) Helium

7. In what year did the first component of the International Space Station (ISS) launch into space?

- A) 1988
- B) 1998**
- C) 2001
- D) 2005

8. Which planet is known as the hottest in our solar system due to a runaway greenhouse effect?

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

9. Which robotic probe, launched in 1977, became the first human-made object to enter interstellar space?

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

10. Approximately what percentage of the solar system's total mass is contained within the Sun?

- A) 50%
- B) 75%
- C) 90%
- D) 99.8%**

11. What is the name of the boundary surrounding a black hole from which nothing, not even light, can escape?

- A) Event Horizon**
- B) Singularity
- C) Accretion Disk
- D) Oort Cloud

12. Saturn's rings are primarily composed of which of the following materials?

- A) Solid rock
- B) Liquid hydrogen
- C) Water ice and dust**
- D) Volcanic ash