

Journey Through the Solar System

Space Exploration · Answer Key · 18 Questions

1. Which planet is known as the 'Red Planet' due to the iron oxide on its surface?

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

2. Who was the first human to travel into space in 1961?

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

3. Which space agency is responsible for the Apollo moon landing missions?

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

4. What is the name of the largest planet in our solar system?

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

5. Which galaxy is home to the Earth and our Solar System?

- A) Andromeda
- B) Milky Way**
- C) Sombrero
- D) Triangulum

6. What does the International Space Station (ISS) mostly orbit?

- A) The Moon
- B) The Sun
- C) The Earth**
- D) Mars

7. Which celestial body was reclassified as a 'dwarf planet' in 2006?

- A) Pluto**
- B) Eris
- C) Ceres
- D) Makemake

8. What is the name of the force that keeps planets in orbit around the Sun?

- A) Magnetism
- B) Gravity**
- C) Friction
- D) Inertia

9. Which mission famously landed the first humans on the Moon in 1969?

- A) Apollo 11**
- B) Gemini 8
- C) Mercury-Atlas 6
- D) Voyager 1

10. What do astronauts use to breathe while performing a spacewalk outside the ISS?

- A) Oxygen tanks**
- B) Air filters
- C) Compressed nitrogen
- D) Balloon pumps

11. Which planet is famous for its large, visible ring system made of ice and dust?

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

12. How long does it take for light from the Sun to reach the Earth?

- A) 1 minute
- B) 8 minutes**
- C) 1 hour
- D) 24 hours

13. Which of these is the hottest planet in the Solar System?

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

14. What tool do astronomers use to see distant stars and galaxies more clearly?

- A) Microscope
- B) Periscope
- C) Telescope**
- D) Kaleidoscope

15. What is the primary fuel source for most modern rockets during launch?

- A) Solar power
- B) Liquid propellant**
- C) Coal
- D) Electricity

16. Which moon of Jupiter is known for having active volcanoes?

- A) Europa
- B) Ganymede
- C) Io**
- D) Callisto

17. What was the name of the first artificial satellite launched into orbit by the Soviet Union in 1957?

- A) Sputnik 1**
- B) Explorer 1
- C) Vostok 1
- D) Voyager 1

18. Which planet rotates on its side, with an axial tilt of nearly 98 degrees?

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