

Space Exploration Basics

Space Exploration · Answer Key · 25 Questions

1. What is the name of the first artificial satellite launched into Earth's orbit?

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

2. Which planet is known as the 'Red Planet'?

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

3. Who was the first human to walk on the Moon?

- A) Yuri Gagarin
- B) Buzz Aldrin
- C) Neil Armstrong**
- D) Michael Collins

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

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

5. Which space agency launched the Hubble Space Telescope?

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

6. What is the name of the mission that first landed humans on the Moon?

- A) Apollo 1
- B) Gemini 4
- C) Mercury-Redstone 3
- D) Apollo 11**

7. Which star is at the center of our solar system?

- A) Alpha Centauri
- B) Polaris
- C) The Sun**
- D) Sirius

8. What is the imaginary line that Earth spins on called?

- A) Orbit
- B) Equator
- C) Axis**
- D) Meridian

9. Which planet is famous for its prominent rings?

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

10. What is the primary gas that makes up the Sun?

- A) Oxygen
- B) Nitrogen
- C) Helium
- D) Hydrogen**

11. What is the name of the space station where astronauts live and work in orbit around Earth?

- A) Skylab
- B) Mir
- C) International Space Station (ISS)**
- D) Tiangong

12. Which planet is closest to the Sun?

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

13. What force keeps planets in orbit around the Sun?

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

14. What is the term for a vehicle designed to travel in outer space?

- A) Airplane
- B) Submarine
- C) Spaceship**
- D) Car

15. Which planet has the most moons in our solar system?

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

16. What are the celestial bodies that orbit the Sun and are too small to be called planets?

- A) Comets
- B) Asteroids**
- C) Stars
- D) Nebulae

17. Who was the first woman in space?

- A) Sally Ride
- B) Valentina Tereshkova**
- C) Kalpana Chawla
- D) Sunita Williams

18. What is the closest star to Earth, besides our Sun?

- A) Sirius
- B) Alpha Centauri
- C) Proxima Centauri**
- D) Betelgeuse

19. What is the process by which stars produce energy?

- A) Fission
- B) Fusion**
- C) Combustion
- D) Radioactivity

20. What do we call a natural satellite that orbits a planet?

- A) Star
- B) Galaxy
- C) Moon**
- D) Asteroid

21. Which planet is known for its Great Red Spot, a giant storm?

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

22. What is the name of the first space probe to visit Jupiter and Saturn?

- A) Voyager 1
- B) Pioneer 10**
- C) Galileo
- D) Cassini-Huygens

23. What is the path a planet takes around the Sun called?

- A) Rotation
- B) Axis
- C) Orbit**
- D) Revolution

24. What is the collection of billions of stars, gas, and dust called?

- A) Solar System
- B) Constellation
- C) Galaxy**
- D) Universe

25. What is the farthest planet from the Sun in our solar system?

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