

Space Exploration Basics

Space Exploration · Answer Key · 25 Questions

1. What is the name of the first artificial satellite launched into space?

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

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

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

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

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

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

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

5. What force keeps planets orbiting the Sun?

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

6. Which space agency is responsible for the Hubble Space Telescope?

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

7. What is a natural satellite that orbits a planet called?

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

8. What is the closest star to Earth?

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

9. Which planet is famous for its prominent rings?

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

10. What type of vehicle is used to travel into space?

- A) Airplane
- B) Car
- C) Rocket**
- D) Boat

11. What is the name of the galaxy that contains our Solar System?

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

12. Which planet is the hottest in our solar system?

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

13. What is the primary purpose of a space probe?

- A) To carry tourists
- B) To observe and collect data from space**
- C) To build space stations
- D) To communicate with aliens

14. What is the term for a celestial body made of ice and dust that orbits the Sun?

- A) Asteroid
- B) Meteor
- C) Comet**
- D) Planetoid

15. Which planet spins on its side?

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

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

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

17. What is the name of the force that pulls objects towards each other?

- A) Electromagnetism
- B) Gravity**
- C) Nuclear Force
- D) Centrifugal Force

18. Which planet is closest to the Sun?

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

19. What are the large, gaseous bodies that produce light and heat called?

- A) Planets
- B) Moons
- C) Asteroids
- D) Stars**

20. What is the name of the first American in space?

- A) Buzz Aldrin
- B) Neil Armstrong
- C) Alan Shepard**
- D) John Glenn

21. Which celestial body is known for its phases?

- A) The Sun
- B) Venus
- C) The Moon**
- D) Jupiter

22. What is the term for a vehicle designed to carry humans or equipment into space?

- A) Submarine
- B) Spaceship**
- C) Hot air balloon
- D) Helicopter

23. Which is the largest ocean on Earth?

- A) Atlantic Ocean
- B) Indian Ocean
- C) Arctic Ocean
- D) Pacific Ocean**

24. What is the study of celestial objects, space, and the physical universe as a whole called?

- A) Geology
- B) Biology
- C) Astronomy**
- D) Meteorology

25. What force opposes motion between surfaces in contact?

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