Space Exploration Basics

Astronomy And Space Science · Answer Key · 25 Questions

1. Which planet is known as the Red Planet?

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

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

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

3. Which planet is closest to the Sun?

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

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

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

5. Which planet is famous for its prominent ring system?

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

6. Who was the first human to walk on the moon?

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

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

A) Moon
B) Sun
C) Jupiter
D) Earth

8. Which planet is known as the 'Morning Star' or 'Evening Star'?

A) Mars
B) Venus
C) Mercury
D) Saturn

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

A) Magnetism
B) Friction
C) Gravity
D) Electricity

10. How many planets are in our solar system?

A) 7
B) 8
C) 9
D) 10

11. Which planet is tilted on its side?

A) Uranus
B) Neptune
C) Saturn
D) Mars

12. What is the Earth's only natural satellite?

A) Titan
B) Phobos
C) Moon
D) Europa

13. Which planet is known for having the 'Great Red Spot'?

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

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14. What do astronauts wear to survive in space?

A) Scuba gear
B) Winter coats
C) Spacesuits
D) Raincoats

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

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

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

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

17. What covers about 70% of the Earth's surface?

A) Land
B) Ice
C) Water
D) Desert

18. Which planet is the eighth planet from the Sun?

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

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

A) Sputnik 1
B) Apollo 11
C) Hubble
D) Voyager 1

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

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

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

A) Oxygen
B) Hydrogen
C) Nitrogen
D) Carbon

22. Which planet is named after the Roman god of the sea?

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

23. What is the name of the telescope that orbits Earth and takes high-quality space photos?

A) Kepler
B) Hubble
C) James Webb
D) Galileo

24. Which planet is often called Earth's twin due to its similar size?

A) Mars
B) Venus
C) Mercury
D) Neptune

25. What do we call a scientist who studies stars and planets?

A) Geologist
B) Biologist
C) Astronomer
D) Chemist

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