

Space Exploration Facts

Astronomy · 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 star is at the center of our solar system?

- A) Polaris
- B) The Sun**
- C) Proxima Centauri
- D) Betelgeuse

4. How many planets are in our solar system?

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

5. What galaxy is the Earth located in?

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

6. Which planet is closest to the Sun?

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

7. What is the natural satellite of the Earth called?

- A) Titan
- B) Phobos
- C) The Moon**
- D) Europa

8. Which planet is famous for its large, visible rings?

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

9. What do we call a person trained to travel in a spacecraft?

- A) Pilot
- B) Astronomer
- C) Astronaut**
- D) Engineer

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

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

11. What is the name of the hot, glowing ball of gas in the sky?

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

12. Which planet is famous for having a 'Great Red Spot'?

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

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

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

14. What is the hottest planet in our solar system?

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

15. Which planet is known as the 'Blue Planet' because of its oceans?

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

16. How long does it take for Earth to orbit the Sun once?

- A) 24 hours
- B) 30 days
- C) 365 days**
- D) 10 years

17. Which is the coldest planet in our solar system?

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

18. What are the pieces of rock and metal that orbit the Sun mostly found between Mars and Jupiter?

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

19. Which planet has the most moons?

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

20. What is the name of the first human-made object to land on the Moon?

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

21. Which celestial body is considered a 'dwarf planet'?

A) Pluto

B) Jupiter

C) Saturn

D) Venus

22. What is the shape of the path planets follow around the Sun?

A) Square

B) Triangle

C) Ellipse

D) Straight line

23. Which planet is known to rotate on its side?

A) Uranus

B) Neptune

C) Saturn

D) Jupiter

24. What is the main substance that makes up the Sun?

A) Solid rock

B) Liquid water

C) Gas and plasma

D) Ice

25. Which planet has a day that is longer than its year?

A) Venus

B) Mars

C) Mercury

D) Earth