

Exploring Our Solar System and Beyond

Physical Science · Practice Test · 20 Questions

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

- A) Earth
- B) Mars
- C) Jupiter
- D) Venus

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

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

3. Which is the closest star to Earth?

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

4. What celestial body orbits the Earth?

- A) The Sun
- B) Mars
- C) The Moon
- D) Venus

5. Which planet is famous for its prominent rings?

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

6. What is a collection of billions of stars, gas, and dust called?

- A) Planet
- B) Galaxy
- C) Nebula
- D) Asteroid

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

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

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

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

9. Which planet spins on its side?

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

10. What is the name of our galaxy?

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

11. Which is the smallest planet in our solar system?

- A) Mars
- B) Mercury
- C) Pluto
- D) Venus

12. What are the giant balls of hot gas that produce light and heat called?

- A) Planets
- B) Moons
- C) Stars
- D) Comets

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

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

14. What is the imaginary line that a planet spins on called?

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

15. Which planet is closest to the Sun?

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

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

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

17. Which planet is the only one known to have liquid water on its surface?

- A) Mars
- B) Venus
- C) Earth
- D) Europa (moon of Jupiter)

18. What are rocky objects that orbit the Sun, mostly found between Mars and Jupiter, called?

- A) Comets
- B) Meteors
- C) Asteroids
- D) Dwarf planets

19. Which planet is farthest from the Sun?

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

20. What do we call the path a planet takes around the Sun?

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