

Astronomy Fundamentals

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) Sirius
- D) Betelgeuse

4. What is the name of our galaxy?

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

5. Which planet is closest to the Sun?

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

6. What celestial body orbits the Earth?

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

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

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

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

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

9. How many planets are in our solar system?

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

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

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

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

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

12. What is the name of the first human-made satellite to orbit Earth?

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

13. Which planet rotates on its side?

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

14. What is the sun primarily composed of?

- A) Liquid water
- B) Solid iron
- C) Hydrogen and helium**
- D) Oxygen and nitrogen

15. What is the name of the path a planet takes around the Sun?

- A) Route
- B) Orbit**
- C) Trajectory
- D) Axis

16. Which planet is furthest from the Sun?

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

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

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

18. What occurs when the Moon passes between the Earth and the Sun?

- A) Lunar eclipse
- B) Solar eclipse**
- C) Meteor shower
- D) Supernova

19. Which planet has the most moons?

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

20. What is the name of the galaxy closest to the Milky Way?

- A) Whirlpool
- B) Andromeda**
- C) Pinwheel
- D) Black Eye

21. What do we call a rock from space that hits the Earth's surface?

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

22. What planet is known as Earth's 'sister planet' due to its similar size?

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

23. Which planet has a giant storm known as the Great Red Spot?

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

24. What is the Earth's main source of light and heat?

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

25. How long does it take for Earth to complete one orbit around the Sun?

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