

Cosmic Foundations

Astronomy · Answer Key · 20 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 galaxy is the Earth located in?

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

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

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

6. What is the name of the star at the center of our solar system?

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

7. Which planet is often called Earth's sister planet due to its similar size?

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

8. How many moons does Earth have?

- A) Zero
- B) One**
- C) Two
- D) Three

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

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

10. Which planet is the eighth and farthest known planet from the Sun?

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

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

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

12. What type of celestial body is the Sun?

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

13. Which planet is known as the 'Ice Giant'?

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

14. What is the main component of the Sun's composition?

- A) Oxygen
- B) Carbon
- C) Hydrogen**
- D) Iron

15. Which planet rotates on its side compared to others?

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

16. What is the name of the natural satellite that orbits Earth?

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

17. Which planet has the 'Great Red Spot', a giant storm?

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

18. What galaxy is the nearest large spiral neighbor to the Milky Way?

- A) Triangulum
- B) Andromeda**
- C) Messier 87
- D) Pinwheel

19. 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

20. What is the term for a rocky object orbiting the Sun, mostly found between Mars and Jupiter?

- A) Comet
- B) Asteroid**
- C) Meteor
- D) Black Hole