

Cosmic Philosophy and Universal Facts

Astronomy And Cosmology · Answer Key · 18 Questions

1. Which planet is known as the Red Planet?

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

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

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

3. Which is the largest planet in our Solar System?

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

4. What is the closest star to the Earth?

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

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

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

6. What object is at the center of our Solar System?

- A) The Earth
- B) The Moon
- C) The Sun**
- D) Jupiter

7. How many planets are currently recognized in our Solar System?

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

8. Which planet is closest to the Sun?

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

9. What phase follows the new moon as it grows larger?

- A) Full moon
- B) Waxing crescent**
- C) Waning gibbous
- D) Last quarter

10. What type of celestial body is the Sun?

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

11. Which planet is known for its thick, heat-trapping atmosphere?

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

12. What is the name of the force that keeps planets in orbit around the Sun?

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

13. What color is the star known as Betelgeuse?

- A) Blue
- B) Yellow
- C) White
- D) Red**

14. Which of these is a gas giant planet?

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

15. What is the Earth's only natural satellite called?

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

16. Which planet is the coldest in our Solar System?

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

17. Approximately how many days does it take for the Earth to orbit the Sun?

- A) 24
- B) 30
- C) 365**
- D) 700

18. What creates a solar eclipse?

- A) Earth passing between the Sun and Moon
- B) Moon passing between the Sun and Earth**
- C) Sun passing between Earth and Moon
- D) Mars passing in front of the Sun