

Fundamental Astronomy Facts

Astronomy · Practice Test · 18 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) Proxima Centauri
- B) The Sun
- C) Betelgeuse
- D) Sirius

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

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

5. How many planets are in our solar system?

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

6. Which planet is closest to the Sun?

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

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

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

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

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

9. What is the Earth's only natural satellite?

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

10. Which planet is known for its extreme greenhouse effect and high temperatures?

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

11. What is the primary gas that makes up the Sun?

- A) Oxygen
- B) Nitrogen
- C) Hydrogen
- D) Carbon Dioxide

12. Which of these is considered a 'dwarf planet'?

- A) Saturn
- B) Pluto
- C) Venus
- D) Neptune

13. Which planet takes the longest time to orbit the Sun?

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

14. What is the name of the belt located between Mars and Jupiter?

- A) Kuiper Belt
- B) Asteroid Belt
- C) Oort Cloud
- D) Van Allen Belt

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

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

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

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

17. Which celestial body is at the center of a heliocentric model?

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

18. How long does it take for light from the Sun to reach Earth?

- A) About 8 minutes
- B) About 1 hour
- C) About 24 hours
- D) About 30 seconds