

Astronomy Fundamentals

Astronomy · Practice Test · 15 Questions

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

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

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

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

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

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

4. What celestial body orbits the Earth?

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

5. A large collection of stars, gas, and dust held together by gravity is called a:

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

6. Which planet is closest to the Sun?

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

7. What is the name of the galaxy we live in?

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

8. What are the rings of Saturn primarily made of?

- A) Gas
- B) Rock and metal
- C) Ice and rock particles
- D) Liquid water

9. What is the process by which stars produce energy?

- A) Fusion
- B) Fission
- C) Combustion
- D) Evaporation

10. Which planet is known for its prominent, beautiful rings?

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

11. What is the common name for a small, rocky object that orbits the Sun, found mostly between Mars and Jupiter?

- A) Comet
- B) Meteoroid
- C) Asteroid
- D) Dwarf planet

12. Which planet is the third planet from the Sun?

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

13. What is a 'light-year' a measure of?

- A) Time
- B) Brightness
- C) Distance
- D) Speed

14. Which gas is most abundant in the Sun?

- A) Oxygen
- B) Helium
- C) Hydrogen
- D) Carbon

15. The phenomenon where a star collapses and explodes, briefly outshining an entire galaxy, is called a:

- A) Black hole
- B) Supernova
- C) Nebula
- D) Pulsar