

# Our Amazing Universe

Cosmology · Answer Key · 18 Questions

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**1. What is the giant ball of hot gas that gives us light and heat?**

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

**2. What is the name of our home planet?**

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

**3. What is the large, round object that orbits the Earth and shines at night?**

- A) Sun
- B) Star
- C) Comet
- D) Moon**

**4. What is a very large collection of stars called?**

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

**5. What is the closest star to our Earth?**

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

**6. Which planet is known as the 'Red Planet'?**

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

**7. What do we call a small, rocky object that orbits the Sun, mostly between Mars and Jupiter?**

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

**8. What is the big bang theory about?**

- A) How stars are born
- B) How the universe started**
- C) How planets are formed
- D) How black holes work

**9. What is the name of the galaxy our solar system is in?**

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

**10. What is the largest planet in our solar system?**

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

**11. What is an object made of ice and dust that orbits the Sun and has a tail?**

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

**12. What is the imaginary line that a planet spins on called?**

- A) Orbit
- B) Axis**
- C) Equator
- D) Meridian

**13. What is a dwarf planet in our solar system?**

- A) Moon
- B) Pluto**
- C) Sun
- D) Star

**14. What is the force that pulls objects towards each other, like an apple falling to the ground?**

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

**15. What are the bright streaks of light we sometimes see in the night sky, often called 'shooting stars'?**

- A) Comets
- B) Asteroids
- C) Meteors**
- D) Galaxies

**16. Which planet is famous for its beautiful rings?**

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

**17. What is the name for a region in space where gravity is so strong that nothing, not even light, can escape?**

- A) Nebula
- B) Galaxy
- C) Black Hole**
- D) Supernova

**18. What do scientists use to study distant objects in space?**

- A) Microscope
- B) Telescope**
- C) Binoculars
- D) Magnifying glass