

Our Amazing Universe

Cosmology · Practice Test · 18 Questions

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