

Cosmic Explorers

Cosmology · Answer Key · 12 Questions

1. Which planet in our solar system is famous for its beautiful, bright rings made of ice and dust?

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

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

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

3. Which star is at the very center of our solar system?

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

4. Which planet is known as the 'Red Planet' because of its rusty iron soil?

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

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

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

6. What celestial body orbits the Earth and changes its appearance throughout the month?

- A) The Sun
- B) A comet
- C) The Moon**
- D) An asteroid

7. What do we call a giant cloud of gas and dust in space where new stars are born?

A) A nebula

B) A black hole

C) A planet

D) A vacuum

8. Which planet is closest to the Sun?

A) Earth

B) Venus

C) Mercury

D) Mars

9. What force of nature keeps all the planets in orbit around the Sun?

A) Magnetism

B) Gravity

C) Friction

D) Wind

10. What is the name of the closest galaxy to our own Milky Way?

A) Whirlpool

B) Andromeda

C) Pinwheel

D) Cartwheel

11. What do scientists call an icy space object that develops a glowing tail when it gets close to the Sun?

A) A comet

B) A meteor

C) A moon

D) A planetoid

12. Which planet rotates on its side, making it unique compared to all other planets?

A) Jupiter

B) Uranus

C) Saturn

D) Neptune