

Cosmic Facts for Sports Enthusiasts

Sports Science · Answer Key · 12 Questions

1. Which planet in our solar system has the longest day, meaning it rotates slowest on its axis?

A) Mars

B) Venus

C) Jupiter

D) Mercury

2. What is the name of the phenomenon where a star collapses under its own gravity, often resulting in a massive explosion?

A) Nebula

B) Quasar

C) Supernova

D) Black Hole

3. How many known moons does Earth have?

A) Zero

B) One

C) Two

D) Three

4. What is the closest star to Earth?

A) Sirius

B) Proxima Centauri

C) Alpha Centauri A

D) The Sun

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

A) Saturn

B) Neptune

C) Uranus

D) Jupiter

6. Which celestial body is known for its prominent rings?

A) Mars

B) Saturn

C) Venus

D) Earth

7. What force keeps planets in orbit around stars?

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

8. What is the name given to a region of spacetime where gravity is so strong that nothing, not even light, can escape?

- A) Pulsar
- B) Neutron Star
- C) Black Hole**
- D) White Dwarf

9. Which planet is often called the 'Red Planet' due to its reddish appearance?

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

10. What is the primary component of the Sun?

- A) Oxygen and Nitrogen
- B) Iron and Nickel
- C) Hydrogen and Helium**
- D) Carbon and Oxygen

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

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

12. What are the rocky bodies that orbit the Sun, mostly found between Mars and Jupiter?

- A) Comets
- B) Asteroids**
- C) Meteors
- D) Dwarf Planets