

Space Junk and Cosmic Waste

Space Debris · Practice Test · 10 Questions

1. What is the common term for human-made waste orbiting the Earth?

- A) Space junk
- B) Star dust
- C) Meteoroids
- D) Moon rocks

2. Which planet in our solar system is known for having a ring system made of ice and rock particles?

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

3. Where do most defunct satellites and rocket parts eventually fall when they re-enter the Earth's atmosphere?

- A) The Sahara Desert
- B) The Pacific Ocean
- C) The Amazon Rainforest
- D) The Arctic Tundra

4. What is the primary material used to build satellites that becomes space debris once the mission ends?

- A) Wood
- B) Organic fabric
- C) Metal
- D) Cardboard

5. How is most space debris currently tracked by space agencies?

- A) With household magnets
- B) Using ground-based radar and telescopes
- C) By sending drones to collect it
- D) Using fishing nets

6. Approximately how many pieces of debris larger than 10cm are estimated to be in Earth's orbit?

- A) Less than 10
- B) Hundreds
- C) Tens of thousands
- D) Millions

7. Which international agency monitors orbital debris to ensure the safety of the International Space Station?

- A) NASA
- B) The World Health Organization
- C) The United Nations Educational Program
- D) The Red Cross

8. What is the main reason scientists want to limit the amount of junk left in space?

- A) It creates bad luck
- B) It interferes with satellite signals and mission safety
- C) It changes the color of the Moon
- D) It makes the stars look dimmer

9. Which celestial body has had human waste left on its surface by Apollo missions?

- A) The Sun
- B) The Moon
- C) Jupiter
- D) Pluto

10. What occurs when two pieces of space debris collide in orbit?

- A) They merge into one large planet
- B) They create even more smaller pieces of debris
- C) They vanish into a black hole
- D) They turn into liquid fuel