

Space-Based Natural Hazards

Natural Disasters In Space · Answer Key · 8 Questions

1. What is the term for a space rock that strikes the surface of a planet or moon?

- A) Asteroid
- B) Impact crater
- C) Meteorite**
- D) Supernova

2. Which planet in our solar system is known for having giant, long-lasting dust storms that can cover the entire globe?

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

3. What type of solar activity can cause geomagnetic storms that potentially disrupt technology on Earth?

- A) Solar flares**
- B) Lunar eclipses
- C) Meteor showers
- D) Gravity waves

4. What do scientists call the region of space where most asteroids orbit between Mars and Jupiter?

- A) The Kuiper Belt
- B) The Asteroid Belt**
- C) The Oort Cloud
- D) The Galactic Center

5. Which planet has a Great Red Spot, which is actually a massive, centuries-old storm?

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

6. What is the name of the process where a massive star explodes at the end of its life cycle?

- A) Black hole
- B) Supernova**
- C) Nebula
- D) Orbit decay

7. What force is responsible for causing the tides on Earth, which can sometimes lead to coastal flooding?

- A) Solar wind
- B) Lunar gravity**
- C) Magnetic fields
- D) Dark matter

8. What are the icy bodies that can trigger meteor showers when Earth passes through their debris trails?

- A) Comets**
- B) Moons
- C) Dwarf planets
- D) Quasars