

Natural Disasters Science and Geography

Geography · Answer Key · 8 Questions

1. What is the point on the Earth's surface directly above the underground origin of an earthquake called?

- A) Focus
- B) Epicenter**
- C) Hypocenter
- D) Fault line

2. Which major geographic area surrounding the Pacific Ocean is known for frequent earthquakes and active volcanoes?

- A) Mid-Atlantic Ridge
- B) Ring of Fire**
- C) Great Rift Valley
- D) Alpine Belt

3. What is the primary cause of the majority of ocean tsunamis worldwide?

- A) Severe coastal storms
- B) Undersea tectonic earthquakes**
- C) Gravitational pull of the moon
- D) High atmospheric pressure

4. Which scale is used by meteorologists to rate the intensity of tornadoes based on damage and estimated wind speeds?

- A) Saffir-Simpson Scale
- B) Richter Scale
- C) Enhanced Fujita Scale**
- D) Beaufort Scale

5. What is the calm, low-pressure center at the heart of a tropical cyclone called?

- A) The Eye**
- B) The Wall
- C) The Core
- D) The Vortex

6. Which three components must be present for a wildfire to ignite and burn, according to the fire triangle?

- A) Oxygen, Carbon, Nitrogen
- B) Fuel, Oxygen, Heat**
- C) Fuel, Wind, Moisture
- D) Heat, Carbon, Spark

7. Which type of flood is characterized by rapid flooding in low-lying areas caused by heavy rainfall in a short period?

A) Riverine flood

B) Flash flood

C) Coastal storm surge

D) Groundwater flood

8. What primary force drives the downward movement of soil and rock during a landslide?

A) Atmospheric pressure

B) Tidal pull

C) Gravity

D) Magnetism