

Volcanoes Quiz PDF

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What type of volcano is characterized by broad, gentle slopes and is primarily formed by low-viscosity lava flows?

- Composite Volcano
- Shield Volcano
- Cinder Cone Volcano
- Lava Dome

Discuss the role of hotspots in the formation of volcanic islands.

How do volcanic soils contribute to agriculture, and why are they considered fertile?

What are the benefits and risks associated with living near a volcano?

Which volcanic feature is a large depression formed when a volcano erupts and collapses?

- Crater
- Vent
- Caldera
- Fissure

Which volcanic hazard involves a mixture of water and volcanic debris flowing rapidly down the slopes of a volcano?

- Lava Flow
- Pyroclastic Flow
- Ash Fall
- Lahar

Which of the following is a key indicator of an impending volcanic eruption?

- Decrease in gas emissions
- Increase in seismic activity
- Decrease in ground temperature
- Decrease in volcanic tremors

Explain how plate tectonics contribute to the formation of volcanoes.

Which of the following are famous volcanoes known for significant eruptions?

- Mount Vesuvius
- Mount Everest
- Krakatoa
- Mount St. Helens

Which of the following are volcanic hazards?

- Ash Fall
- Tsumamis
- Pyroclastic Flows
- Earthquakes

Describe the differences between effusive and explosive volcanic eruptions.

What are some characteristics of composite volcanoes?

- Steep-sided
- Form ed by layers of lava and ash
- Broad, gentle slopes
- Symmetrical cones

What measures can be taken to prepare for and mitigate the impacts of volcanic eruptions on human populations?

What are the classifications of volcanoes based on their eruption history?

- Active
- Dormant
- Extinct
- Eruptive

What is the primary cause of volcanic activity at divergent plate boundaries?

- Subduction
- Sea-floor spreading
- Hotspot activity
- Continental collision

What type of volcano is typically small, steep-sided, and formed from tephra, ash, and cinders?

- Shield Volcano
- Composite Volcano
- Cinder Cone Volcano
- Lava Dome

Which of the following are types of volcanic eruptions?

- Effusive Eruptions
- Explosive Eruptions
- Seismic Eruptions
- Dormant Eruptions

What is the term for fast-moving currents of hot gas and volcanic matter that flow down the sides of a volcano?

- Lava Flow
- Ash Fall
- Pyroclastic Flow
- Lahar

Which factors are used to monitor and predict volcanic eruptions?

- Seismology
- Gas Emissions
- Ground Deformation
- Solar Activity

Which volcano is famous for its eruption in AD 79 that buried the city of Pompeii?

- Mount St. Helens
- Krakatoa
- Mount Vesuvius
- Mauna Loa