

Volcanoes: Test Your Knowledge

Volcanoes are vents in the surface of the Earth through which magma, gases and ash erupt. This situation can create terrible consequences for individuals in such regions. Test your knowledge of volcanoes with these questions. Use another sheet of paper to respond to the free response questions and remember to provide support for your answers.

Multiple Choice

Please circle the correct answer.

1. Which of the following theories help explain the phenomena of volcanoes?

- a. Natural Extinction
- b. Conservation of Heat
- c. Plate Tectonics
- d. Thermodynamics

2. Which volcano type is the simplest in structure?

- a. Cinder Cone
- b. Composite
- c. Shield
- d. Lava Dome

3. What percent of the world's population are danger zones of volcanoes?

- a. 10%
- b. 20%
- c. 30%
- d. 50%

Short Answer

Please write the answers on a separate sheet of paper.

4. Name and describe the different states in which volcanoes can exist.

5. Describe the different impacts ash fall can have.

6. Describe Mount St. Helen's eruption and its consequences.

Abstract & Logic

Please note that abstract and logic questions do not have any right or wrong answer. These questions are best suited towards class discussions.

7. Volcanoes are generally considered a form of natural disaster. Can you think of the ways that they can benefit us and the environment? Do these benefits outweigh the consequences?

8. Assuming that your area is in a volcano danger zone, how would you form a volcano watch program for your community?