

Name: _____ **Date:** _____

Part 1
Vocabulary

Circle the best answer to complete each sentence.

1. Our home is heated entirely by solar ____.
A) series
B) sections
C) energy
2. Philip was offered the job as a geologist because he has a lot of ____ experience.
A) appreciated
B) previous
C) energetic
3. Volcanoes play an important ____ in forming new islands in the oceans.
A) role
B) prediction
C) section
4. Dominica bought her assistant some flowers to show her ____.
A) appreciation
B) energy
C) role
5. Scientists can't really ____ exactly when an earthquake will occur.
A) appreciate
B) remove
C) predict
6. After the volcanic eruption, a ____ of the mountain completely disappeared.
A) series
B) section
C) removal

Circle the correct word form to complete each sentence.

7. Most volcanoes aren't _____. You never know when they will erupt.
A) prediction
B) predictable
C) unpredictable
8. The Department of Sanitation is responsible for garbage _____ in our town.
A) removal
B) removing
C) removable
9. Dora works long hours for low pay, so she feels very _____.
A) appreciation
B) appreciated
C) unappreciated
10. A nutritious breakfast can help you feel _____ throughout the rest of the day.
A) energy
B) energetic
C) energetically

Use five of the words in the box to complete the sentences.

appreciate	energy	predict	previously
remove	role	section	series

11. Geologists _____ that Mount St. Helens will erupt again in the future.
12. There was a(n) _____ of minor earthquakes following the major earthquake.
13. People didn't _____ the enormity of the damage until they awoke the next morning.
14. The _____ of the emergency workers is to help people affected by the disaster.
15. George _____ worked as a volunteer before he became a firefighter.

Part 2
Listening

Listen to the lecture. Then circle the best answer to complete each sentence.

16. What did the class talk about last week?
A) Predicting earthquakes
B) Volcanic eruptions
C) The relationship between earthquakes and volcanoes
17. Where do earthquakes and volcanic eruptions occur?
A) Underneath the Earth's surface
B) In cities located on top of fault lines
C) In the area where two tectonic plates meet
18. What is the name of the city that is located on top of a fault line?
A) Kilauea
B) San Francisco
C) Chile
19. What is the first step in a causative relationship?
A) Triggering
B) Erupting
C) Pushing
20. What happens when magma gets into the cracks in rocks?
A) An eruption occurs.
B) An earthquake happens.
C) Pressure starts to build.

Listen to the lecture again. As you listen, match the key term to its definition.
Write the correct letter on the line.

___ 21. causative relationship	A. the site where two tectonic plates meet
___ 22. fault line	B. inactive; showing no volcanic activity
___ 23. trigger	C. when one event causes another event to occur
___ 24. dormant	D. when magma is pushed out of a volcano
___ 25. magma	E. to cause an event or a series of events
___ 26. eruption	F. hot, liquid rock

Read the sentences about clarification. Circle the best answer.

27. Which question asks for clarification?
A) Does anyone know why this might happen?
B) Do you mean that the movement caused by an earthquake pushes the magma up?
28. What statement asks for clarification?
A) So, the causative relationship is uncertain, but likely.
B) I still don't understand how magma can cause an earthquake.
29. Which of the following clarifies the meaning of the key term "trigger"?
A) "Trigger" means to cause an event or a series of events.
B) Triggering is the first step in a causative relationship.
30. Which of the following clarifies the meaning of the key term "magma"?
A) Hot, liquid rock beneath the Earth's surface
B) When the magma is underneath a volcano, an eruption occurs

Part 3

Speaking

Write notes for a 30-second speech about an earthquake or a volcanic eruption. Then present your speech to the class.

- Have you (or someone you know) ever experienced an earthquake or a volcanic eruption? If not, have you read about or seen one on TV?
- Where did the earthquake or volcanic eruption occur?
- How did it affect the people and the environment?