**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) Kīlauea

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 if affect the people and the environment?