PARAGRAPH 6

Under very cold conditions, rocks can be shattered by ice and frost. Glaciers may form in permanently cold areas, and these slowly moving masses of ice cut out valleys, carrying with them huge quantities of eroded rock debris. In dry areas the wind is the principal agent of erosion. It carries fine particles of sand, which bombard exposed rock surfaces, thereby wearing them into yet more sand. Even living things contribute to the formation of landscapes. Tree roots force their way into cracks in rocks and, in so doing, speed their splitting. In contrast, the roots of grasses and other small plants may help to hold loose soil fragments together, thereby helping to prevent erosion by the wind.

9. The word "them" in the passage refers to

- ○ cold areas
- ○ masses of ice
- ○ valleys
- ○ rock debris

10. According to paragraph 6, which of the following is both a cause and result of erosion?

- ○ Glacial activity
- ○ Rock debris
- ○ Tree roots
- ○ Sand

PARAGRAPH 6

Under very cold conditions, rocks can be shattered by ice and frost. Glaciers may form in permanently cold areas, and these slowly moving masses of ice cut out valleys, carrying with them huge quantities of eroded rock debris. [1] In dry areas the wind is the principal agent of erosion. [2] It carries fine particles of sand, which bombard exposed rock surfaces, thereby wearing them into yet more sand. [3] Even living things contribute to the formation of landscapes. [4] Tree roots force their way into cracks in rocks and, in so doing, speed their splitting. In contrast, the roots of grasses and other small plants may help to hold loose soil fragments together, thereby helping to prevent erosion by the wind.

11. **Directions:** Look at the part of the passage that is displayed above. The numbers [1], [2], [3], and [4] indicate where the following sentence could be added.

Under different climatic conditions, another type of destructive force contributes to erosion.

Where would the sentence best fit?

- ○ Choice 1
- ○ Choice 2
- ○ Choice 3
- ○ Choice 4

12. **Directions:** Three of the answer choices below are used in the passage to illustrate constructive processes, and two are used to illustrate destructive processes. Complete the table by matching appropriate answer choices to the processes they are used to illustrate. **This question is worth 3 points.**

Constructive Processes	Destructive Processes
•	•
•	•
•	

Answer Choices

1. Collision of Earth's crustal plates
2. Separation of continents
3. Wind-driven sand
4. Formation of grass roots in soil
5. Earthquakes
6. Volcanic activity
7. Weather processes

LIVEWORKSHEETS