

Landforms & Erosion Assessment



Marking Instructions	
<ul style="list-style-type: none">• Use a No. 2 pencil or a blue or black ink pen only.• Do not use pens with ink that soaks through the paper.• Make solid marks that fill the response completely.• Make no stray marks on this form.	<p>CORRECT: ●</p> <p>INCORRECT: ○ ⊗ ⊖ ⊙</p>

Name: _____ Date: _____

For each question, mark the **BEST** answer.

1. Which of the following would cause the **SLOWEST** change in the shape of a mountain?

- Ⓐ an avalanche Ⓒ erosion due to wind
- Ⓑ an earthquake Ⓓ a landslide

2. Which is the **DEEPEST** layer of the Earth's crust?

- Ⓐ clay Ⓒ soil
- Ⓑ sand Ⓓ bedrock

3. _____ is the shaking of the Earth's surface, caused by movement of rock in the crust.

- Ⓐ A flood Ⓒ A sink hole
- Ⓑ A volcano Ⓓ An earthquake

4. What is the Earth's crust **NOT** made of?

- Ⓐ soil Ⓒ magma
- Ⓑ clay Ⓓ bedrock

5. Which of the following would cause the **FASTEST** change in the shape of a mountain?

- Ⓐ a forest fire Ⓒ erosion due to wind
- Ⓑ an earthquake Ⓓ erosion due to water

6. Where does erosion happen the **MOST** on the course of a river?

- Ⓐ at a bend
- Ⓑ at a straightaway
- Ⓒ at all places equally
- Ⓓ where there are many rocks

7. Which of the following would cause the **SLOWEST** change in the shape of a river?

- Ⓐ a landslide
- Ⓑ an earthquake
- Ⓒ a volcanic eruption
- Ⓓ erosion due to water

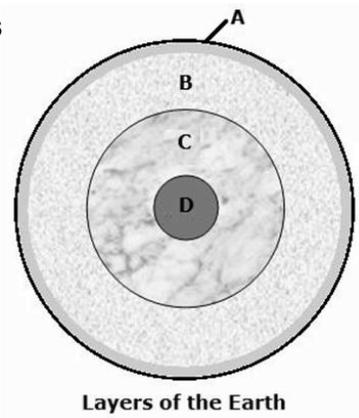
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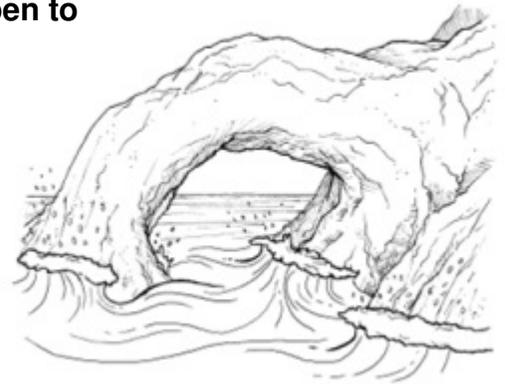
8. The Earth's crust is where people dig tunnels and build foundations. In this drawing of the layers of the Earth, which part is the crust?

- Ⓐ the thin line labeled "A"
- Ⓑ the circle labeled "B"
- Ⓒ the circle labeled "C"
- Ⓓ the circle labeled "D"



9. The picture to the right shows a sea arch. As erosion from ocean waves continues, what will **MOST LIKELY** happen to the hole in this landform?

- Ⓐ It will become larger.
- Ⓑ It will fill with sediment.
- Ⓒ It will remain the same size.
- Ⓓ It will be covered with water.



10. Which of the following is the **BEST** definition of erosion?

- Ⓐ Erosion is the washing away of riverbanks by water.
- Ⓑ Erosion is the changes occurring on mountainsides due to landslides.
- Ⓒ Erosion is the changing appearance of landscapes due to strong, consistent winds.
- Ⓓ Erosion is the wearing away of the Earth's materials by water, wind, ice, or human activity.

11. There is a village on the outside of a bend in a river. How could erosion affect the village? Choose the **BEST** answer.

- Ⓐ Erosion will not affect the river by the village.
- Ⓑ Erosion will make the river deeper by the village.
- Ⓒ Erosion will make the river shallower, flooding the village.
- Ⓓ Erosion will make the river bend bigger, removing the ground under the village.

A thousand years ago a river flowed across a plain. Now it flows through a gully that is ten feet deep. Use this information to answer questions 12 and 13.

12. What is the MOST LIKELY cause of this change?

- Ⓐ Earthquakes split the plain, making the gully.
- Ⓑ A glacier pushed across the plain, carving the gully.
- Ⓒ The river eroded the soil of the plain, carving the gully.
- Ⓓ People dug a quarry to get stone from the plain, leaving the gully.

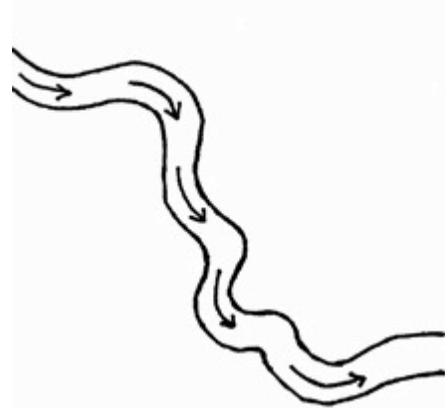
13. If the river keeps flowing, what will the area MOST LIKELY look like in another 1000 years?

- Ⓐ the gully will be deeper
- Ⓑ there will be a mountain
- Ⓒ the plain will be flat again
- Ⓓ the river will become a lake

14. To the right is a map of the course of a river. The arrows show which way the river flows.

How will the effects of erosion from water over 50 years change the course of the river?

- Ⓐ Erosion will not change the river.
- Ⓑ Erosion will make the river straight.
- Ⓒ Erosion will make much bigger bends in the river.
- Ⓓ Erosion will smooth out the bends in the river so they are smaller.



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