

# Landforms & Erosion Assessment



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

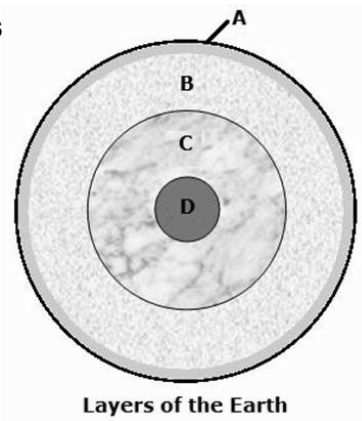
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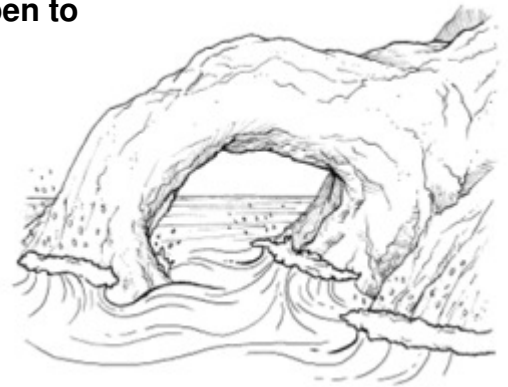
8. The Earth's crust is where people dig tunnels and build foundations. In this drawing of the layers of the Earth, which part is the crust?

- Ⓐ 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?**

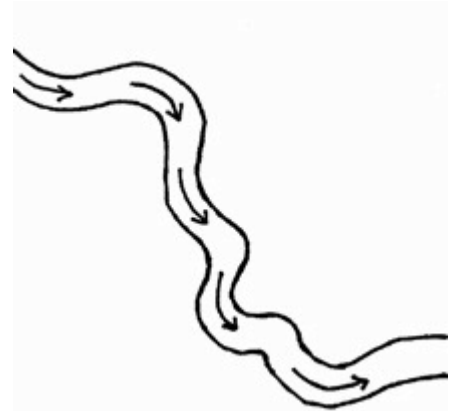
- Ⓐ the gully will be deeper
- Ⓑ there will be a mountain
- Ⓒ the plain will be flat again
- Ⓓ the river will become a lake

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**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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