Erosion Quiz

1. What type of changes does erosion cause?
   a. Physical changes
   b. Chemical changes
   c. Electrical changes
   d. Magnetic changes

2. Erosion occurs when natural forces alter the landscape. What does it mean to alter a landscape?
   a. To blow dust around
   b. To change what land looks like
   c. To deposit silt at the mouth of a river
   d. To create a floodplain

3. Which term best describes the rate at which glacial erosion takes place?
   a. Quick
   b. Ephemeral
   c. Slow
   d. Sudden

4. How do sandy beaches form?
   a. Waves pounding pebbles into smaller and smaller pieces
   b. Wind eroding pebbles into smaller pieces
   c. Water freezing and thawing the the cracks of pebbles
   d. Rain wearing away rocks into smaller and smaller pieces

5. Which of the following features would be most affected by weathering?
   a. 
   b. 
   c. 
   d. 

6. How would a sandblasted rock differ from a rock that hasn't been sandblasted?
   a. A sandblasted rock would be bigger
   b. A sandblasted rock would be smoother in shape and less jagged
   c. A sandblasted rock would be composed of volcanic material
   d. A sandblasted rock would be covered by water

7. Why is it hard to see glacial erosion in action?
   a. Because glaciers are so big
   b. Because light from glaciers refracts too much
   c. Because glaciers move very, very slowly
   d. Because glacial erosion is usually very subtle

8. What do floodplains, sandbars, and river deltas have in common?
   a. They've all been formed by water erosion.
   b. They've all been formed by glacial erosion.
   c. They've all been formed by wind erosion.
   d. They've all been formed by sandblasting.

9. Based on the information presented in the movie, what would be a simple way to prevent erosion?
   a. Blocking the wind
   b. Planting trees
   c. Preventing rainfall
   d. Preventing the flow of rivers

10. Based on the information presented in the movie, what can you infer about the type of erosion that formed the Grand Canyon?
    a. Wind erosion
    b. Water erosion
    c. Sandblasting
    d. Glacial erosion