

**Module Test: Earth and Its Changing Features**Form 2

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1) Which evidence could indicate that a flood has happened in an area?

- A) A new mountain has formed.
- B) The sky is cloudy.
- C) A palm tree is charred black.
- D) Soil and rocks are on the road and sidewalks.

2) What does the liquid from a volcano become when it cools?

- A) rock
- B) water
- C) fire

3) A deep, narrow valley with steep sides is \_\_\_\_\_.

- A) a mountain
- B) a canyon
- C) an abyssal plain

4) Fossil evidence provides scientists with information about \_\_\_\_\_.

- A) how an environment has changed over time.
- B) rocks and minerals.
- C) where earthquakes occur.
- D) how mountains form.

5) Which evidence could indicate that a flood has happened in an area?

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6) How will waves change the rocks shown in this picture?



- A) The waves will press small rocks together, and they will form larger rocks.
- B) The waves will pound, smooth, and break apart rocks.
- C) The waves will wet the rocks, but not change their shapes.
- D) The waves will change rocks into ocean water.

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7) For which landform would contour lines be closest together on a topographical map?

- A) a sand dune
- B) a plateau
- C) a hill
- D) plains

8) In the Mississippi River, sediment such as soil and rocks are swept downstream by the force of the river. When the river flows into the Gulf of Mexico, most of the sediment is deposited. Which activity could change the amount of sediment that is deposited from the river?

- A) An increase in rain will cause more erosion, which will cause more sediment to be deposited.
- B) A decrease in rain will cause less erosion, which will cause more sediment to be deposited.
- C) An increase in rain will cause less erosion, which will cause more sediment to be deposited.
- D) An increase in rain will cause more erosion, but will not cause a change in sediment deposited.

9) Which landform is not created by wind?

- A) rock pedestals
- B) sand dunes
- C) mountains

10) Which happens during physical weathering?

- A) It snows.
- B) Rocks are chemically changed into limestone.
- C) The size and the shape of rocks are changed.
- D) Rust is created from the combination of water and air.

11) Can ocean waves change the rocks along a coastline?



- A) Yes. Pounding waves break rocks into smaller pieces.
- B) Yes. Pounding waves glue smaller rocks together.
- C) No. Waves are too weak to change rocks.
- D) Maybe. Scientists are not sure.

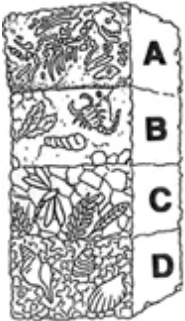
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12) A paleontologist found a crocodile fossil in the desert. Based on this discovery, what conclusions can you draw about what this landscape was like in the past?

- A) The climate was very cold and dry.
- B) The climate was very warm and had periods of rain.
- C) The climate had periods of cold winters and warm summers.
- D) The climate was very warm and dry.

13) Scientists are able to tell which fossils are the oldest by looking at the bedrock. Which layer contains the youngest fossils?



- A) Layer A
- B) Layer B
- C) Layer C
- D) Layer D

14) Gravity pulls rainwater downhill and the flowing water erodes the landscape by \_\_\_\_\_.

- A) forming sand dunes
- B) washing away soil
- C) forming a desert
- D) forming moraines

15) Which is the tallest landform?

- A) a mountain
- B) a canyon
- C) a plain

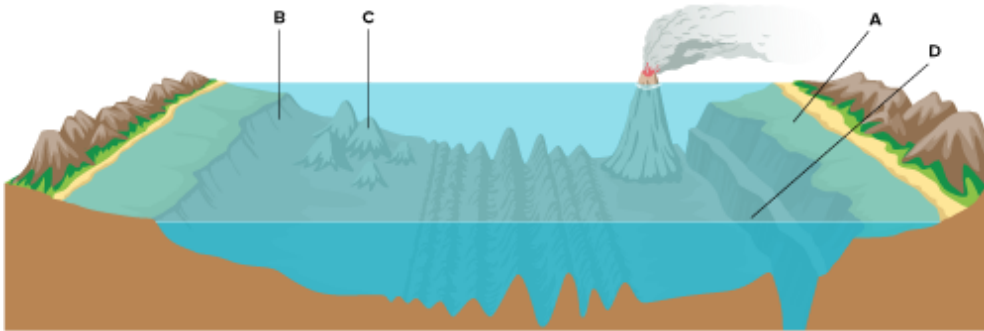
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16) What can scientists learn from fossils? Select **all** that apply.

- A)** the type of animals that lived long ago
- B)** what the climate was like long ago
- C)** the colors of animals that lived long ago
- D)** what the environment was like long ago

17) Which feature of the ocean floor is the continental shelf?



- A)** A
- B)** B
- C)** C
- D)** D

18) Plateaus, valleys, canyons, and mountains are all examples of \_\_\_\_\_.

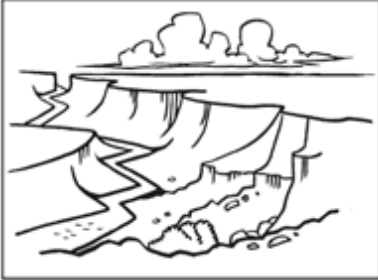
- A)** highlands
- B)** mantle areas
- C)** landforms
- D)** hydrosphere

19) Some Earth events occur quickly. These changes can be easily observed. Which Earth event does not happen quickly?

- A)** a landslide
- B)** weathering of rocks
- C)** an earthquake

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**20)** Below is a picture of a canyon.

Which best explains how the canyon may have formed?

- A)** A volcanic eruption formed the canyon.
- B)** The canyon was formed by animals and plants.
- C)** Erosion from flowing water formed the canyon.
- D)** Humans carved the canyon out of a mountain using small tools.