

Georgia
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5th Grade Science Test

Fifth Grade Science
Test

Practice Test

Name: _____

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Instructions:

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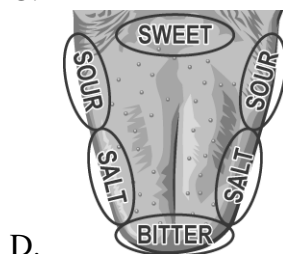
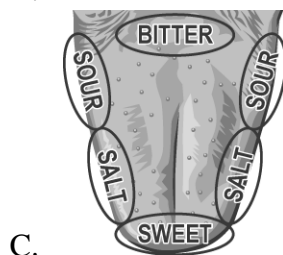
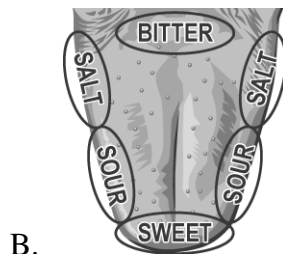
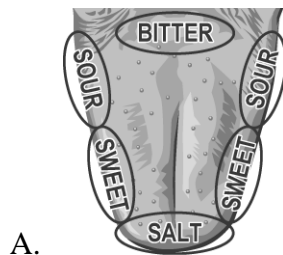
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Use the table below to answer question 1.

Parts of Tongue Responsible for Tastes

	Salt	Sweet	Bitter	Sour
Tip		X		
Across the back			X	
Midway back on the left and right sides				X
Near the tip on the left and right sides	X			

1. Which diagram correctly illustrates where the flavors of certain foods are tasted on the tongue?



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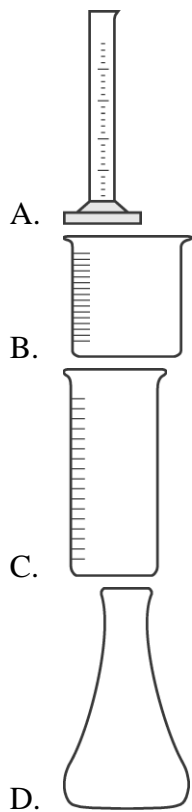
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2. Which pair of body systems is MOST responsible for support and movement?

- A. digestive and circulatory
 - B. muscular and skeletal
 - C. nervous and excretory
 - D. immune and reproductive
-

3. If each container holds the same amount of water, in which container would the water completely evaporate first?



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4. The pressure that causes a volcanic eruption is generated by

- A. heat trapped deep within Earth.
 - B. underground earthquakes.
 - C. chemical activity beneath Earth's surface.
 - D. the weight of Earth's crust.
-

5. Which diagram shows the spring with the most potential energy?



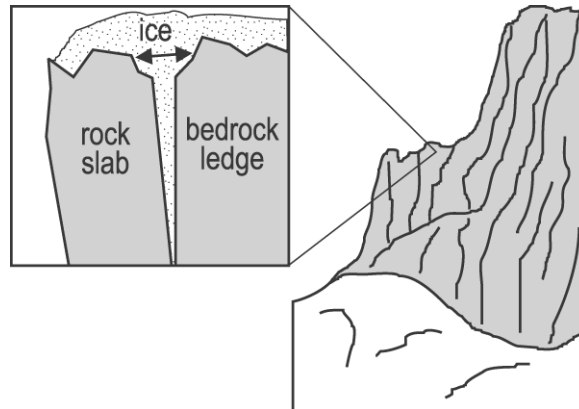
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Use the diagram below to answer question 6.



6. The diagram shows frost wedging. This is an example of

- A. physical weathering.
- B. chemical weathering.
- C. deposition.
- D. erosion.

7. Which ocean creature must spend much of its time near the water's surface?

- A. octopus
 - B. porpoise
 - C. sea urchin
 - D. shrimp
-

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8. Students are testing liquids to see if they are acids or bases. The test strips that they are using are called

- A. construction paper.
 - B. carbon paper.
 - C. litmus paper.
 - D. lens paper.
-

9. In order to support life, the most important gas taken into the lungs is

- A. carbon monoxide.
 - B. nitrogen.
 - C. hydrogen.
 - D. oxygen.
-

10. The formation of natural rock bridges in dry regions is MOST LIKELY a result of

- A. earthquakes.
 - B. volcanoes.
 - C. wind erosion.
 - D. plate tectonics.
-

11. Grains must be stored in airtight and moisture-free containers to prevent molds from growing on them. Which container would be the best choice for storing grains?

- A. cardboard box with a top
 - B. paper bag folded and stapled
 - C. plastic bag with a clip
 - D. glass jar with a screwed lid
-

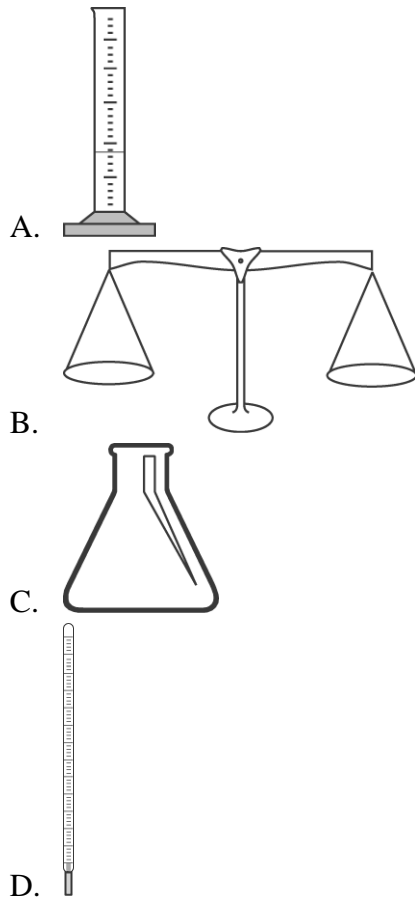
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12. Which tool should be used to measure the volume of a small rock sample?



13. Which is an example of erosion?

- A. muddy water flowing after a heavy rain
 - B. a large boulder splitting
 - C. lava flowing down a volcano
 - D. rock breaking down from acid rain
-

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14. Which food group provides the best source of carbohydrates?

- A. meat and poultry
 - B. fruits and vegetables
 - C. breads and cereal grains
 - D. dairy products
-

15. The floor of the Atlantic Ocean is MOSTLY

- A. a gently sloping bottom.
 - B. large plains and a mountain range.
 - C. a completely flat basin.
 - D. craters and deep cracks just like the Moon.
-

16. Which is an example of kinetic energy?

- A. sitting at a desk reading a book
 - B. lifting a book from the floor to a table
 - C. holding a heavy bag full of books
 - D. pushing against a large tree
-

17. Where does most eroded soil end up?

- A. in new agricultural lands
 - B. in the desert
 - C. in the sediment of rivers
 - D. in rock slides
-

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18. Which ocean feature is a flat area covered by a layer of mud, sand, and animal remains?

- A. rift valley
 - B. mid-oceanic ridge
 - C. abyssal plain
 - D. continental slope
-

Use the table below to answer question 19.

	Average number of crickets	Average number of sparrows	Amount of rainfall	Average temperature
Year 1	192	15	82 cm	58°F
Year 2	201	16	79 cm	58°F
Year 3	93	8	44 cm	60°F
Year 4	147	12	76 cm	57°F
Year 5	113	11	65 cm	59°F
Year 6	138	13	72 cm	58°F

19. The table shows information collected by a teacher and her students from a field near their school.

Which is the best hypothesis to explain some of this information?

- A. Cricket numbers decreased from Year 1 to Year 6 because of higher temperatures.
 - B. Sparrow and cricket populations increase when the amount of rainfall increases.
 - C. Sparrows eat more crickets when the temperature is lower.
 - D. Low amounts of rainfall cause lower temperatures.
-

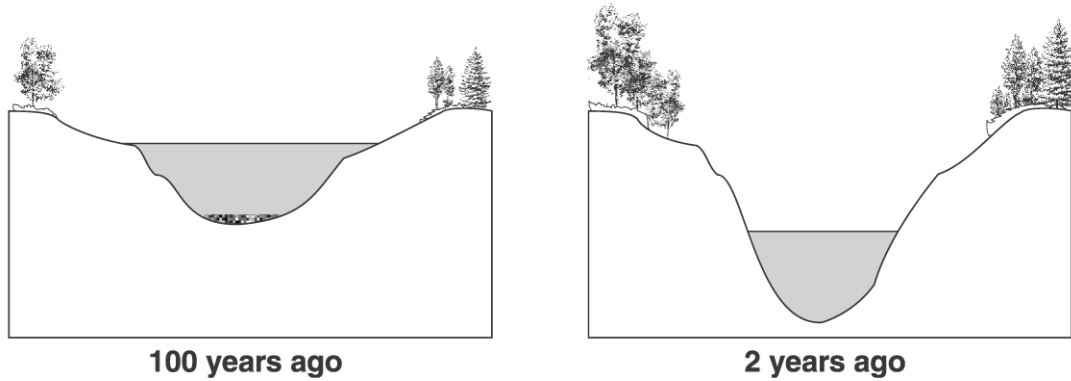
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Use the diagrams below to answer question 20.



20. The diagrams show how a river looked one hundred years ago and two years ago. Why did the river change over time?

- A. A beaver built a dam on the river.
- B. A volcano erupted and formed a valley.
- C. An earthquake made the land drop.
- D. The sand and soil were carried away by the river.

21. How do prescription drugs travel throughout the body?

- A. through the blood
 - B. through the muscles
 - C. through the nerve cells
 - D. through the bones
-

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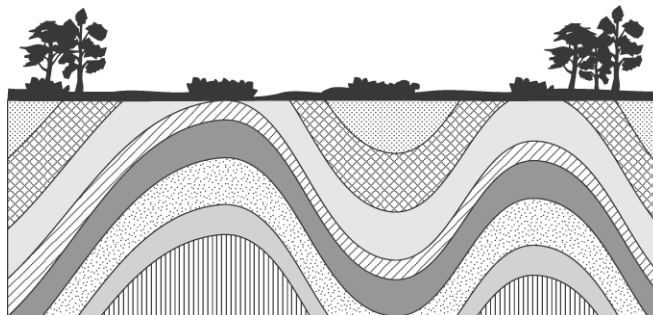
22. The body system that gives you support and allows movement is the

- A. skeletal system.
 - B. circulatory system.
 - C. respiratory system.
 - D. excretory system.
-

23. Which landform results when one of Earth's plates slides past another?

- A. faults
 - B. plateaus
 - C. mountains
 - D. deltas
-

Use the diagram below to answer question 24.



24. The folded layers show changes in Earth's crust because they

- A. were originally flat.
 - B. have changed to rock.
 - C. are covered by lava.
 - D. have more layers.
-

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25. What happens when layers of Earth's crust crack and move?

- A. erosion
 - B. weathering
 - C. a dust storm
 - D. an earthquake
-

26. What causes the MOST erosion on Earth?

- A. running water
 - B. wind
 - C. chemical action
 - D. glaciers
-

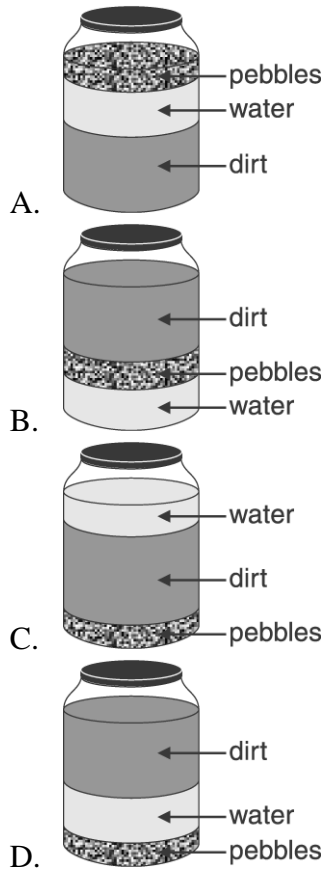
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27. Arthur put water in a jar. Then he added pebbles and dirt until the jar was nearly full. He covered the jar and shook it. If he let the jar stand covered without shaking it for a week, what would the jar look like?



28. Which is the BEST example of an adaptation used to cause confusion when a group of animals tries to run away from a predator?

- A. stripes on a zebra
 - B. smell from a skunk
 - C. long neck of a giraffe
 - D. long ears of a rabbit
-

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29. Amoebas, dandelions, bears, and bacteria are each examples of organisms from a different kingdom in the classification system. All of the kingdoms are represented by these examples except

- A. Fungi.
 - B. Monerans.
 - C. Plants.
 - D. Protista.
-

30. All of the following behaviors are adaptations characteristic of desert animals EXCEPT

- A. being active only at night.
 - B. swallowing their prey whole.
 - C. getting water by eating plants.
 - D. staying buried during the day.
-