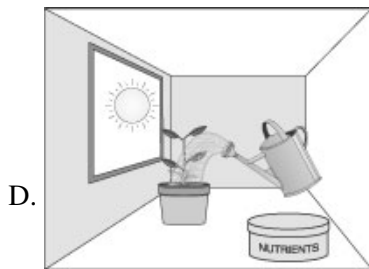
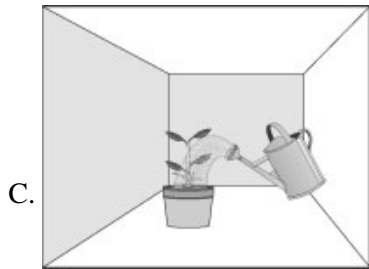
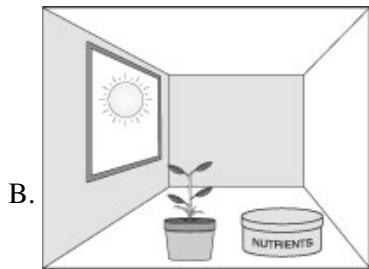
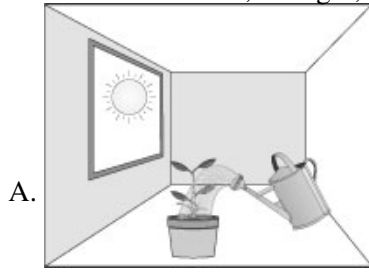


Name: _____

Date: _____

1. Plants need water, sunlight, air, and nutrients to grow tall. Which plant below should grow the tallest?



2.

Use the table below to answer this question.

	Start	Week 1	Week 2	Week 3	Week 4
Normal amount	0 cm	24 cm	52 cm	88 cm	113 cm
Two times the normal amount	0 cm	28 cm	58 cm	91 cm	119 cm
Three times the normal amount	0 cm	31 cm	78 cm	101 cm	124 cm
Four times the normal amount	0 cm	32 cm	78 cm	91 cm	114 cm

Mike did an experiment to see if plants grew taller when they were given more fertilizer. From his results, plants grow the tallest when they are given

- A. the normal amount of fertilizer.
 - B. two times the normal amount of fertilizer.
 - C. three times the normal amount of fertilizer.
 - D. four times the normal amount of fertilizer.
-

3. Which is an example of an animal responding to its environment?

- A. A bear hibernates at the beginning of winter.
 - B. A female dog has puppies.
 - C. Ice melts when warmed by the Sun.
 - D. Wind blows clouds across the sky.
-

4. Which object is made from material that was once alive?

- A. a wooden chair
 - B. a metal chair
 - C. a brick wall
 - D. a glass wall
-

5. Birds know how to build their nests

- A. from watching other birds.
 - B. without being taught.
 - C. from trying different ways.
 - D. by using old nests as a pattern.
-

6. A plant left for a long time in a dark closet might die because it has no

- A. air.
 - B. light.
 - C. wind.
 - D. heat.
-

7. Seeds are made by

- A. rain.
 - B. soil.
 - C. plants.
 - D. clouds.
-

8. What is the name of the thick, rough outer covering of a tree's trunk and branches?

- A. leaves
 - B. bark
 - C. roots
 - D. flower
-

9. A flower's color and smell helps it

- A. find water.
 - B. attract insects.
 - C. make food.
 - D. take in energy.
-

10. How do horses and dogs stay warm in winter?

- A. They run around more.
 - B. They grow thick fur.
 - C. They eat more food.
 - D. They go to sleep.
-

11. Which can cause air pollution?

- A. car
 - B. tree
 - C. dog
 - D. rock
-

12. Both humans and trees need

- A. water.
 - B. food.
 - C. air.
 - D. water, food, and air.
-

13. Which animal would NOT be found in or near a small lake in the Georgia mountains?

- A. a frog
 - B. a shark
 - C. a sunfish
 - D. a duck
-

14. A plant cell is different from an animal cell because the plant cell can

- A. grow taller.
 - B. move from place to place.
 - C. make new cells.
 - D. make food.
-

15. Potted plant X was given water every day and put in sunlight. Plant Y was given fertilizer, watered every day, and put in sunlight. After three weeks, plant Y was taller than plant X. What MOST LIKELY made plant Y grow taller?

- A. water
 - B. sun
 - C. fertilizer
 - D. soil
-

16. Different kinds of animals have different needs to stay alive. Many kinds of animals do NOT

- A. need air.
 - B. drink water.
 - C. eat other animals.
 - D. protect themselves.
-

17. Which is never alive?

- A. tree
 - B. water
 - C. cricket
 - D. mushroom
-

18. Which can make its own food?

- A. butterfly
 - B. snail
 - C. sunflower
 - D. tiger
-

19. Which animal is cold-blooded?

- A. bird
 - B. snake
 - C. rabbit
 - D. squirrel
-

20. Which explains why a plant is a living thing?

- A. It contains iron.
 - B. It has a green color.
 - C. It is eaten by animals.
 - D. It grows and reproduces.
-

21. Which would help add extra oxygen to a room?

- A. a fireplace
 - B. a green plant
 - C. a shade for the window
 - D. a storm door
-

22. Which statement is TRUE about what an animal does when it gets cold in the evening?

- A. A horse sweats more.
 - B. A dog pants harder.
 - C. A lizard lies still on a rock.
 - D. A cat shivers.
-

23. Which source of energy is less harmful to the environment?

- A. oil
 - B. coal
 - C. natural gas
 - D. solar panels
-

24. Which of these can be recycled to make notebook paper?

- A. bricks
 - B. soup cans
 - C. cardboard
 - D. soda bottles
-

25. What idea is this billboard trying to give?



- A. Fewer cars on the road mean less air pollution.
 - B. Fewer cars on the road mean more noise pollution.
 - C. Fewer cars on the road mean less water pollution.
 - D. Fewer cars on the road mean more ground pollution.
-

26.

Which of these is the BEST way to reduce the amount of exhaust created by automobiles?

- A. make cars larger
 - B. drive longer distances
 - C. make cars that use less gasoline
 - D. make people drive older cars
-

27.

Which of these would be something that you could do to reduce pollution?

- A. fly in planes
 - B. wash your hands
 - C. ride a bicycle to school
 - D. write letters to your teacher
-

28.

Which plant would you expect to grow best in Georgia's Coastal Plain region?

- A. trees with needles like a pine tree
 - B. trees with big leaves like a maple tree
 - C. plants that like it cool and shady like ferns
 - D. plants with thick stems and needles like a cactus
-

29.

There are many more chicken farms in North Georgia than there are in South Georgia. Which answer is the **best** reason North Georgia produces more chickens than South Georgia?

- A. The mountains have a warmer climate.
 - B. It is colder during the winter.
 - C. The temperature is cooler all year long.
 - D. There is more food to eat in the mountains.
-

30.

This region of Georgia is a barrier to warm, moist air rising from the Gulf of Mexico and has lots of rain and snow that provides water for all of Georgia. There are many different trees growing here. You can see black bears searching for trout in the cold streams.

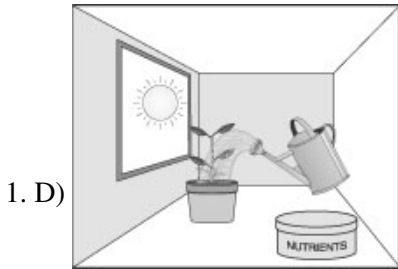
What is this region of Georgia?

- A. Coastal Plain
 - B. Piedmont Region
 - C. Okefenokee Swamp
 - D. Georgia Mountains
-

31. **To a brook trout, a stream would be its —**

- A. niche.
- B. habitat.
- C. community.
- D. population.

Answer Key



2. C) three times the normal amount of fertilizer.
3. A) A bear hibernates at the beginning of winter.
4. A) a wooden chair
5. B) without being taught.
6. B) light.
7. C) plants.
8. B) bark
9. B) attract insects.
10. B) They grow thick fur.
11. A) car
12. D) water, food, and air.
13. B) a shark
14. D) make food.
15. C) fertilizer
16. C) eat other animals.
17. B) water
18. C) sunflower
19. B) snake
20. D) It grows and reproduces.
21. B) a green plant
22. D) A cat shivers.

- 23. D) solar panels
- 24. C) cardboard
- 25. A) Fewer cars on the road mean less air pollution.
- 26. C) make cars that use less gasoline
- 27. C) ride a bicycle to school
- 28. A) trees with needles like a pine tree
- 29. C) The temperature is cooler all year long.
- 30. D) Georgia Mountains
- 31. B) habitat.