

Name: _____

Date: _____

1. 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
-

2. Green plants are important to animals because the plants provide the animals with

- A. hydrogen and carbon dioxide.
 - B. oxygen and nitrogen.
 - C. food and carbon dioxide.
 - D. food and oxygen.
-

3. The adaptation that allows whales to live in cold water is their

- A. fur.
 - B. scales.
 - C. blubber.
 - D. thick skin.
-

4. 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.
-

5. The leaves of an evergreen, such as a pine tree, are called

- A. whorls.
 - B. needles.
 - C. spines.
 - D. sepals.
-

6. Before Barry left for school in the morning, he turned a plant in the front window so that the leaves faced into the room. When he returned, the leaves faced the window again. Which is the reason the leaves changed direction?

- A. The plant needed the breeze through the window.
 - B. The plant needed light from the Sun.
 - C. The plant was recently watered.
 - D. The plant was recently fertilized.
-

7. Which animal would be LEAST LIKELY to form a fossil?

- A.  **fish**
- B.  **jellyfish**
- C.  **elephant**
- D.  **bird**
-

8. Mrs. Dodge's class is studying minerals. To find the name of each mineral, the student must know

- A. the shape of the mineral.
B. the size of the mineral.
C. the color of the mark made on a tile.
D. the weight of the mineral.
-

9. 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
-

10. Where is the BEST place to find information about how fossils are formed?

- A. an encyclopedia or computer
B. a map or globe
C. a chart or graph
D. a media center or lunchroom
-

11. Which is a source of heat energy?

- A. rain
B. fire
C. wind
D. water
-

12. Four different spoons were put into a pan of boiling water. Which spoon will have a hot handle first?

- A. metal spoon
 - B. rubber spoon
 - C. wooden spoon
 - D. plastic spoon
-

13. What are the stages of a grasshopper's development?

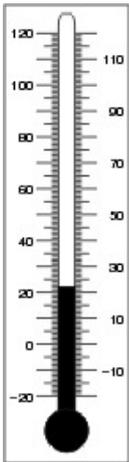
- A. egg, nymph, adult
 - B. egg, larva, pupa, adult
 - C. egg, baby, teenager, adult
 - D. egg, tadpole, adult
-

14. Which test is used to show the color of minerals found in certain rocks?

- A. scratch test
 - B. streak test
 - C. smell test
 - D. shininess test
-

15.

Use the picture below to answer this question.



Most thermometers are read by looking at the position of the red liquid in a glass tube. Which tells how this type of thermometer works?

- A. The glass expands (gets larger) when hot.
 - B. The glass contracts (gets smaller) when hot.
 - C. The red liquid expands (gets taller) when hot.
 - D. The red liquid contracts (gets shorter) when hot.
-

16. For a living thing to become a fossil, the living thing must

- A. have a skeleton.
 - B. have a hard outer shell.
 - C. die by drowning in water.
 - D. be dead for a very long time.
-

17. Sometimes fossil bones are found lying at the top of the sand in the desert. This tells us that

- A. the fossils were formed in the past year.
 - B. wind blew away the sand that covered the fossils.
 - C. fossils are lighter than sand, so they floated to the top.
 - D. deserts are so hot and dry that the fossils never got covered.
-

18. 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.
-

19. A skunk makes a bad smell to help it

- A. get food.
 - B. keep enemies away.
 - C. find other skunks.
 - D. find water.
-

20. Which is never alive?

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

21. Soil is a mix of materials. Which is NOT a part of soil in nature?

- A. dead plants
 - B. dead animals
 - C. rock pieces
 - D. plastic pieces
-

22. Which needs shelter against cold weather in its natural habitat?

- A. bear
 - B. cactus
 - C. grass
 - D. pine tree
-

23. A plant that stores water, such as a cactus, lives best in which habitat?

- A. desert
 - B. forest
 - C. seashore
 - D. swamp
-

24. Which animal is cold-blooded?

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

25. Which does NOT have a backbone?

- A. bird
 - B. butterfly
 - C. cat
 - D. fish
-

26. Which is a warm-blooded animal?

- A. frog
 - B. horse
 - C. lizard
 - D. snake
-

27. Which is one way trees help keep some of the gases in the air balanced?

- A. Trees use sunlight and make sugar.
 - B. Trees use sugar and make carbon dioxide.
 - C. Trees use sunlight and make chlorophyll.
 - D. Tree use carbon dioxide and make oxygen.
-

28. Condors are becoming endangered birds. Which is NOT a cause of their becoming endangered?

- A. laying eggs
 - B. hunting by man
 - C. loss of habitat
 - D. pollution of habitat
-

29. At a recycling center, trash is sorted into piles of glass, metal, paper, or plastic. Which pile should a soda can be put into?

- A. glass
 - B. metal
 - C. paper
 - D. plastic
-

30. Which mineral characteristic could be used to distinguish between talc and calcite?

- A. hardness
 - B. location
 - C. fracture
 - D. color
-

31. According to Mohs' scale of hardness, your fingernail has a hardness value of about 2.5. Which two minerals could you scratch with your fingernail?

- A. granite and marble
 - B. gypsum and talc
 - C. quartz and calcite
 - D. corundum and topaz
-

32.

Use the chart below to answer this question.

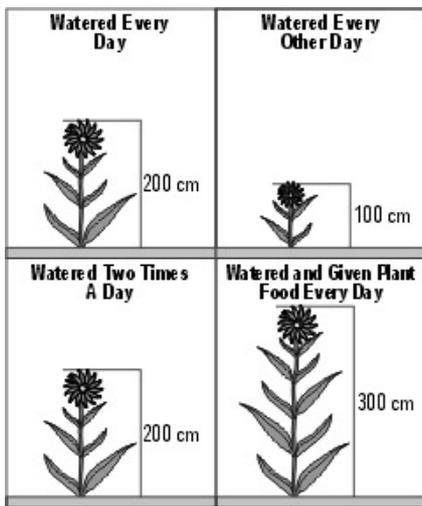
Mineral	Hardness
galena	2-3
quartz	7
talc	1-2
garnet	7

Which two minerals from the chart above would MOST LIKELY scratch glass?

- A. galena and quartz
 - B. talc and garnet
 - C. galena and talc
 - D. quartz and garnet
-

33.

Use the pictures below to answer this question.



Which conclusion can be made from the pictures?

- A. It is better to water a plant two times a day than only once a day.
 - B. Plants that are watered every other day do not live as long as plants watered more often.
 - C. The plant that was watered and given food every day grew tallest.
 - D. It does not matter how often plants are watered as long as they have plant food.
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34. Which is NOT a type of rock?

- A. igneous
 - B. metamorphic
 - C. sedimentary
 - D. fossil
-

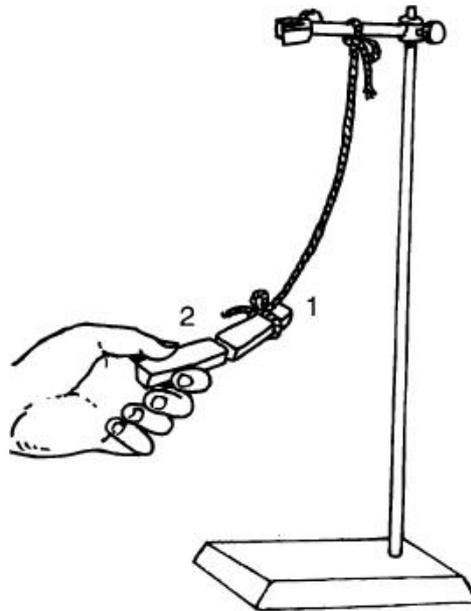
35. Ammon was at the beach and walked from his blanket onto the sand. He felt his feet burning on the sand and ran back to his blanket. What heated the sand?

- A. his feet
 - B. the Sun
 - C. the Earth
 - D. his blanket
-

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

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

37. Tony's class was observing the properties of magnets. Using the diagram, what would happen if magnet #2 was turned around so the other end was next to magnet #1?



- A. The magnets would move away from each other.
 - B. The magnets would become negatively charged.
 - C. The magnets would create an electromagnetic field.
 - D. The magnets would stick together in the same way.
-

38. 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.
-

39. The populations in most cities around the world continue to increase. More resources are consumed, and more waste products are generated. Which of these happens as a result of this?

- A. Resources need to decrease.
 - B. Resources can still be kept the same.
 - C. Air, noise, and water pollution will increase.
 - D. Air, noise, and water pollution stay the same.
-

40. Students are conducting an experiment with rocks. What is the BEST way for them to measure the volume of the rocks?

- A. Lay them on a scale.
 - B. Place them next to a ruler.
 - C. Put them in a graduate cylinder of water.
 - D. Trace them on a piece of paper.
-

41.

Which environmental concern would MOST affect animals in the ocean?

- A. air pollution from factories
 - B. toxic dumping in lakes and rivers
 - C. littering on streets and sidewalks
 - D. ozone depletion due to use of spray cans
-

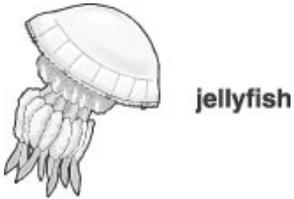
42.

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

Answer Key

1. B) a shark
2. D) food and oxygen.
3. C) blubber.
4. D) make food.
5. B) needles.
6. B) The plant needed light from the Sun.



7. B)
8. C) the color of the mark made on a tile.
9. C) fertilizer
10. A) an encyclopedia or computer
11. B) fire
12. A) metal spoon
13. A) egg, nymph, adult
14. B) streak test
15. C) The red liquid expands (gets taller) when hot.
16. D) be dead for a very long time.
17. B) wind blew away the sand that covered the fossils.
18. C) eat other animals.
19. B) keep enemies away.
20. B) water
21. D) plastic pieces
22. A) bear
23. A) desert
24. B) snake

- 25. B) butterfly
- 26. B) horse
- 27. D) Tree use carbon dioxide and make oxygen.
- 28. A) laying eggs
- 29. B) metal
- 30. A) hardness
- 31. B) gypsum and talc
- 32. D) quartz and garnet
- 33. C) The plant that was watered and given food every day grew tallest.
- 34. D) fossil
- 35. B) the Sun
- 36. D) solar panels
- 37. A) The magnets would move away from each other.
- 38. A) Fewer cars on the road mean less air pollution.
- 39. C) Air, noise, and water pollution will increase.
- 40. C) Put them in a graduate cylinder of water.
- 41. B) toxic dumping in lakes and rivers
- 42. C) ride a bicycle to school