1 Which of the following weather conditions would make you put on a heavy, warm coat and gloves?

A

B

C

D

SAMPLE

When the Earth is seen from outer space, it looks mainly blue. This is because most of the Earth is covered with —

A  ice
B  mountains
C  oceans
D  deserts
Bobby put his balloon near a window. The picture shows what happened to the balloon after it was near a window for about an hour. Which of these probably caused the balloon to become larger?

F  Heat from the sun  
G  Glass in the window  
H  The tree by the window  
J  The string on the balloon

Which piece of playground equipment is made for circular motion?

A  
B  
C  
D

Which of these will look most like its parent when it hatches from an egg?

F  A butterfly  
G  A frog  
H  A snake  
J  A moth
If a small amount of oil is dropped into the water, the —

A  oil and the water will mix
B  oil will rise to the top of the water
C  water will take up less space in the jar
D  water will rise to the top of the oil

Which of these is not a natural resource?

F  Plants
G  Insects
H  Cars
J  Soils

What can we do to reduce air pollution?

A  Take showers instead of baths
B  Drive cars less often
C  Pick up litter
D  Recycle aluminum cans

Which animal in this picture is below the lily pad?

F  Beaver
G  Turtle
H  Insect
J  Fish
9 About how long is this snake in inches?
A 1 inch  
B 3 inches  
C 5 inches  
D 12 inches

10 A bucket of ice was left outside to melt on a warm day. The picture shows the time the experiment was started and the time the ice finally melted. At what time did the ice melt?
F 1:02 P.M.  
G 1:10 P.M.  
H 12:15 P.M.  
J 2:10 P.M.

11 Which of these is a herbivore?
A A cat that eats mice  
B A cow that eats grass  
C A frog that eats insects  
D An opossum that eats fruit and fish
12 Which lunch produces the MOST trash?

F

G

H

J

13 Which of the following is being used to hold the door open?

A A wedge
B A screw
C A lever
D A pulley

14 Bobby has a pet lizard that eats insects. Which of these does not need to be in the lizard's cage?

F Air
G Plants
H Clean water
J Grasshoppers

15 A piece of metal is probably a magnet if it —

A can pull some metals to it
B has a dull metal color
C becomes rusty in the rain
D has the letter N on it
This is a picture of a dry riverbed. What part of the water cycle is needed for the river to run?

F  Evaporation
G  Condensation
H  Precipitation
J  Weathering

The animals in box A are DIFFERENT from the animals in box B because the animals in box A —

A  have webbed feet
B  have four legs
C  have a hard shell
D  do not have tails
This cactus has a thick skin that feels like wax. This type of skin is important because it —

F helps to save water  
G keeps the plant warm  
H allows the plant to get food from the air  
J keeps the plant from falling over

A shadow is caused by —

A light being blocked by an object  
B a lack of light in the room  
C too much light in the room  
D an object reflecting light

When water evaporates, it changes into a —

F solid  
G mixture  
H gas  
J solution

Which of these objects is a type of screw?

A Flagpole  
B Doorknob  
C Roller skates  
D Jar lid
22. Which picture shows an ocean community?

F

G

H

J

23. The pictures below show an ice cube left on a plate in a warm room. Which picture was taken last?

A

B

C

D

24. Smelts are fish that lay their eggs in the sand on beaches. When the eggs hatch, the babies know to go to the water. This is an example of —

F instinct
G hibernation
H camouflage
J learned behavior
25 Why is it easier to grow plants in topsoil than in subsoil?
   A Topsoil has more clay.
   B Topsoil has more rocks.
   C Topsoil has more dust.
   D Topsoil has more humus.

26 Which of these would be best to use to report the temperature of a liquid?
   F Degrees Celsius
   G Meters
   H Kilograms
   J Liters

27 The part of this plant that takes water from the soil is the —
   A stem
   B leaf
   C flower
   D root

28 A turtle uses its shell for —
   F defense
   G movement
   H rearing young
   J storing food

29 A car, a tree, a grain of sugar, and a drop of ink are alike because they are all made of —
   A metal
   B sunlight
   C smaller parts
   D air and water

30 Even on the coldest winter days, there is some heat in the air. Almost all of the heat in the air comes from —
   F forest fires
   G volcanoes
   H the sun
   J the wind
Which of these correctly tells about what is in the pond?

A
B
C
D

Which living thing produces its own food?

F. Cat
G. Bird
H. Grasshopper
J. Dandelion plant

Soil is needed by plants because it gives the plants —

A. nutrients
B. rocks
C. sand
D. light
Between the times Picture 1 and Picture 2 were taken, which animal moved the most?

F  The owl
G  The calf
H  The turkey
J  The lizard

In the food chain above, what will likely happen if all of the mice leave the area?

A  There will not be enough insects in the food chain.
B  The plants will increase in number.
C  Snakes will not have enough food.
D  The food chain will not be harmed.

36 About how long does each season last?

F  3 minutes
G  3 weeks
H  3 months
J  3 years
37 Which picture graph correctly shows the animals in the picture above?

A

B

C

D

38 Which of these properties will change when a rock is broken?

F  Its color  
G  Its shape  
H  Its hardness  
J  Its texture

39 Which direction is a compass needle attracted to?

A  North  
B  South  
C  East  
D  West

40 A tiger belongs in which of the above groups?

F  Group 1  
G  Group 2  
H  Group 3  
J  Group 4
## Answer Key

<table>
<thead>
<tr>
<th>Test Sequence</th>
<th>Correct Answer</th>
<th>Reporting Category</th>
<th>Reporting Category Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>B</td>
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<td>Earth/Space Systems and Cycles</td>
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<td>2</td>
<td>F</td>
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<td>Scientific Investigation, Reasoning, and Logic</td>
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<td>016</td>
<td>Force, Motion, Energy, and Matter</td>
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