GRADE 3
SCIENCE
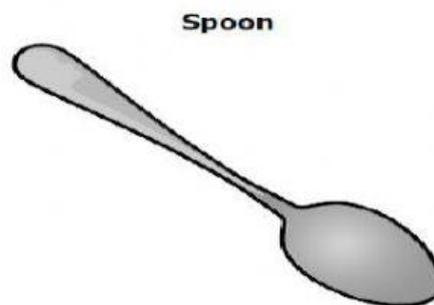
1 **Mold is often found growing on old bread. In a food chain, mold is a —**

A decomposer
B producer
C consumer
D scavenger

2 **Skunks spray a strong-smelling liquid to —**

F get rid of wastes
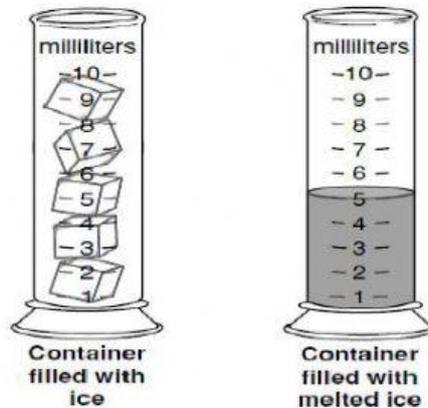G attract prey
H defend themselves
J help nearby plants grow

3

Spoon

**Which of these BEST describes the texture of the metal spoon?**

A Small
B Smooth
C Flexible
D Shiny

**4**



| Container | Container |
|-----------|-----------|
| filled with | filled with |
| ice | melted ice |

**A container was filled with ice cubes. The container was left outside until the ice cubes melted. Based on the picture, how much water came from the melted ice cubes?**

**F** 3 milliliters

**G** 5 milliliters

**H** 7 milliliters

**J** 10 milliliters

**5 When notebook paper is folded to make an airplane, what physical property of the paper changes?**

**A** Mass
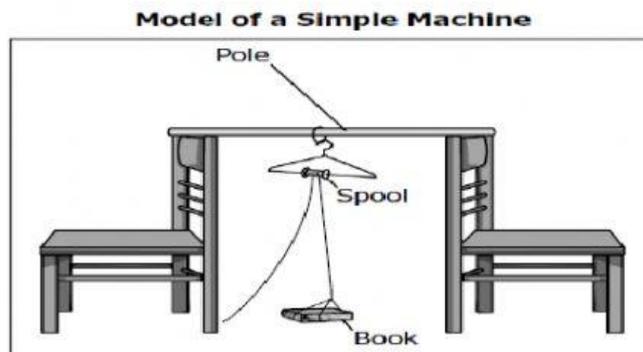
**B** Weight

**C** Shape

**D** Smell

**6 Why is it important to protect soil?**

**F** It covers the bedrock layer in the earth.

**G** It has nutrients used by plants to grow.

**H** It holds many harmful pollutants.

**J** It dries quickly in sunlight.

**7** Jake's cats eat food from a can. The cats come running into the kitchen when they hear the electric can opener. Now, each time Jake's mother opens a can of corn, the cats come running. This is an example of —

**A** learned behavior
**B** correct behavior
**C** instinct
**D** migration
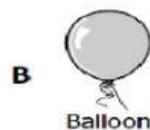
**8**

**Model of a Simple Machine**



**Which of these simple machines does this model represent?**

**F** A screw
**G** A wedge
**H** A lever
**J** A pulley

**9** A student is blindfolded and given several objects to feel. Which of these would he describe as hard and smooth?

**A**  Screw

**B**  Balloon

**C**  Teddy bear
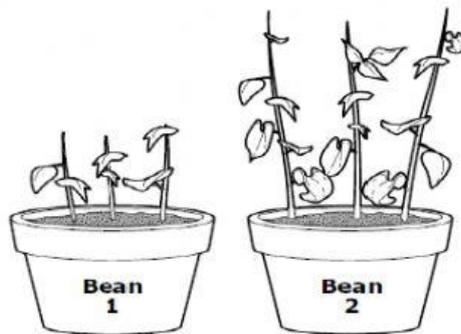
**D**  Marble

**10 Which of these will take the LONGEST time to observe?**

   **F** One moon-phase cycle

   **G** One ocean-tide cycle

   **H** An acorn growing into an adult tree

   **J** A caterpillar becoming a butterfly


**11 Which of these is the BEST way to save animals and trees?**

   **A** Ride bikes more

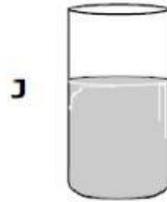   **B** Make more farmland

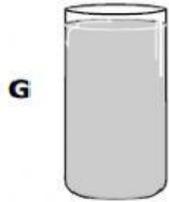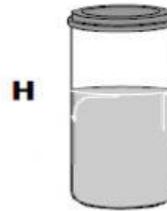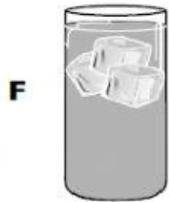   **C** Take care of forests

   **D** Move to the city


**12**



**Students planted two types of bean seeds. Both types of bean plants are measured after two weeks. Which of these questions are they MOST likely trying to answer?**

   **F** Which type of bean plant grows faster?

   **G** Which type of bean plant is prettier?

   **H** Which type of bean plant tastes better?

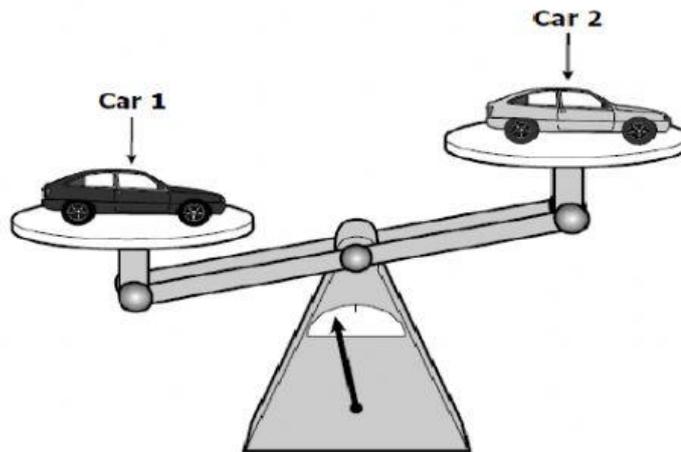   **J** Which type of bean plant costs more?


**13 The teeth of a carnivore are MOSTLY —**

   **A** pointed

   **B** rounded

   **C** wide

   **D** flat

**14** Which of these glasses will MOST likely become empty first because of evaporation?
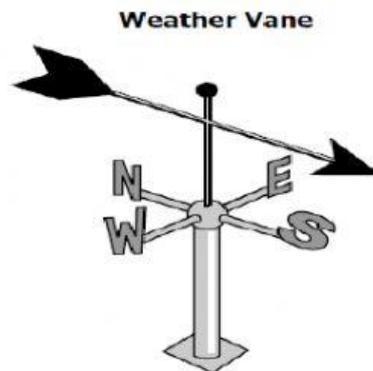
F

H

G

J

**15**

Car 1

Car 2

Students made observations about these toy cars. Which of these BEST describes Car 1 and Car 2?

**A** Car 1 is heavier than Car 2.
**B** Car 2 is darker than Car 1.
**C** Car 2 is bigger than Car 1.
**D** Car 1 is longer than Car 2.

16

**Weather Vane**

**What does a weather vane show?**

F   Wind direction
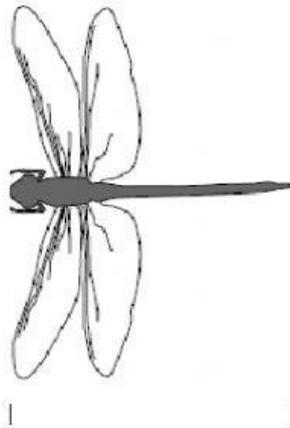G   Air temperature
H   Cloud cover
J   Air pressure

**17  Which part of a bicycle BEST moves in a circle?**

A   Seat
B   Frame
C   Foot pedal
D   Kickstand

**18  When it rains, some animals will —**

F   hibernate for the season
G   migrate to warmer climates
H   change their body covering
J   move to seek shelter

**19**

**About how long is the dragonfly in the picture?**

  **A**  2 centimeters

  **B**  4 centimeters

  **C**  6 centimeters

  **D**  8 centimeters

**20  Having dry, hot weather for a long time can cause a —**

  **F**  drought

  **G**  thunderstorm

  **H**  tornado

  **J**  flood

**21  Which of these describes water in a solid state?**

  **A**  Vapor rising in the sky

  **B**  Hail during a storm

  **C**  Waves crashing on the seashore

  **D**  Rain falling from the clouds

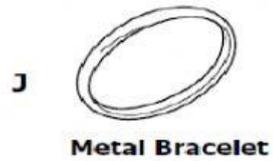**22  Which lists the correct order of changes that happen to a plant in spring?**

  **F**  Buds form, flowers open, fruits grow

  **G**  Flowers die, fruits grow, buds form

  **H**  Seeds drop, flowers open, buds form

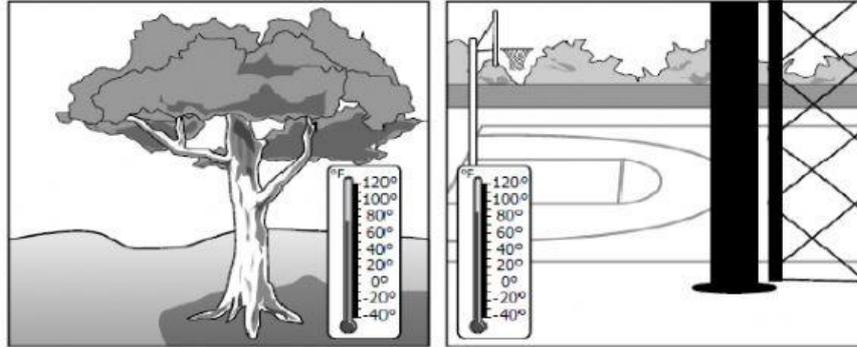  **J**  Seeds drop, flowers die, fruits grow

23



Nail     Screw

Paper Clip

**Which of these is the BEST title for the group of objects shown?**

**A**  Heavy Objects
**B**  Rough Objects
**C**  Wooden Objects
**D**  Magnetic Objects

**24  Which of these is made from a plant?**

**F**

Cotton Shirt

**H**

Plastic Glasses

**G**

Leather Boots

**J**

Metal Bracelet

**25**



Students used thermometers to compare temperatures around their school. Which of these is MOST likely the reason it was cooler under a tree than on the playground?

**A** The tree blocked the cold wind.

**B** A student blocked the wind.

**C** Tree leaves blocked some of the sunlight.

**D** A cloud blocked the Sun.

**26**



**All of the objects shown can be described as —**

**F** having moving parts

**G** having the same size

**H** needing a magnifying glass to be seen

**J** being made from more than one material