Name _____ Date_____

Big Book 5 Final Test

Units 11-20

A. Choose the right answer to fill in each blank from the box.

producers	layers	invited	pools	facts
garbage	repair	experts	ramp	globe

1. Ford grew to become one of the largest car ___**producers**___ in the world.
2. Maria decided to have a party, so she baked a cake and ___**invited**___ three of her friends.
3. The boys decided to build a ___**ramp**___ so their turtles could walk uphill and downhill.
4. The Wright Brothers also owned a bicycle ___**repair**___ shop.
5. Some of the stories are myths and some are ___**facts**___.
6. A final way to slow climate change is to put less ___**garbage**___ into landfills.
7. Thermophiles live in ___**pools**___ of water that are heated by hot magma.
8. Some technology ___**experts**___ spend their work day developing new and exciting apps.
9. News of the event spread across the entire ___**globe**___.
10. Crayons can be melted and pressed between ___**layers**___ of wax paper.

B. Match each word or phrase to its correct definition.

11. invent
12. suddenly
13. resemble
14. finish
15. beverage
16. effect
17. tiny
18. feature
19. recycle
20. variety

a. very small
b. the result of something
c. a number of different things
d. to look like something
e. to create a new idea or product
f. without warning
g. to reuse something
h. to complete
i. a characteristic of something
j. a drinkable liquid

Name _____ Date_____

C. Read and answer.

[21-22]

Extreme Animals

Do you wonder how some animals can survive in extreme conditions? Certain animals adapt to life in very hot places, very cold places, and even in places without water.

A thermophile is an organism that lives inside volcanoes. Thermophiles live in pools of water that are heated by hot magma. The water temperature can reach more than 150 degrees Celsius, but this is just right for a thermophile!

On the other hand, there's a type of North American frog that can survive in very cold places. It does this by freezing itself during winter! The frog's body has special sugars that keep the frog from dying while it's frozen. The frog stays frozen during winter and then hops to life in spring!

The tardigrade is a microscopic animal that looks like a tiny bear. So, tardigrades are also called "water bears." A tardigrade can survive without water for long periods of time. Its body has special sugars that act as water. A tardigrade also rolls itself into a ball when there's no water. It stays this way until water reappears. Then it unrolls as if nothing happened!

21. What is the main idea of this reading?

a. Animals that like hot places.

b. Animals that can be very small.

c. Animals that can live in extreme conditions.

d. Animals that live in North America.

22. According to the story, why are tardigrades called "water bears"?

a. They drink a lot of water.

b. They look like small bears.

c. They only live in water.

d. They can eat bears.

Name _____ Date_____

[23-25]

Hot Planet

Climate change is a popular topic in the news today. ⓐ**Climate change** is a change in the earth's weather over a long period of time. Currently, the earth's temperature is slowly rising, and it's causing climate change.

The earth's temperature is rising because of an increase in greenhouse gases. A greenhouse gas is a gas in the atmosphere that absorbs heat from the sun. These hot gases get trapped in the atmosphere, so the temperature rises.

Scientists have been busy studying climate change. They are starting to see some of its effects. For example, the warmer temperatures are causing the glaciers and ice caps to melt. This causes the world's sea levels to rise. Another effect of climate change is an increase in violent weather. Tsunamis and other storms may happen more often.

One way to fight climate change is to decrease greenhouse gases. For instance, driving a car sends out harmful gases. However, walking and biking do not. Buying products with less plastic packaging is another good way to fight climate change. A final way to slow climate change is to put less garbage into landfills.

23. What is the main idea of the last paragraph?

a. The ways humans can reduce climate change

b. The main causes of climate change

c. The effects of climate change

d. The best car to buy to flight climate change

24. Which of the following is NOT an effect of climate change?

a. Rising sea levels

b. Violent weather

c. More garbage

d. Melting ice caps

25. What does ⓐ**climate change** mean in the reading?

a. A type of gas that absorbs heat from the sun

b. A violent storm

c. A change in the earth's temperature over time

d. A country that has a very cold climate

Name _____ Date_____

D. Read and write.

Wright Brothers

Wilbur and Orville Wright were two American brothers born during the mid-nineteenth century. One day, their father gave them a toy helicopter as a gift. The helicopter was made out of paper, wood, a cork, and a rubber band. The boys loved the toy, and it made them interested in flying.

Wilbur and Orville did not finish high school. Wilbur knocked out his front teeth while playing a game of hockey. The injury made Wilbur shy. So, he stayed home and helped care for his parents.

Orville dropped out of school and started his own printing business. Wilbur soon joined the business, and the boys printed newspapers. The Wright Brothers also owned a bicycle repair shop.

One day, the brothers read an article about a man who had flown using a glider. This excited the Wright Brothers, and they began building their own airplane.

The brothers did three important things when building their airplane. They made wings that could lift the airplane into the air, they created a way to power the airplane, and they made ways to control the airplane.

In 1903, the Wright Brothers successfully launched, flew, and landed their airplane.

Rewrite the sentence to make it correct.

26. Wilbur and Orville Wright were two American boys born during the mid-twentieth century.

Wilbur and Orville Wright were two American **brothers** born during the mid-**nineteenth** century.

27. The plane was made out of paper, plastic, a cork, and a rubber band.

The **helicopter** was made out of paper, **wood**, a cork, and a rubber band.

28. Wilbur knocked out his front teeth while watching a game of tennis.

Wilbur knocked out his front teeth while **playing** a game of **hockey**.

29. Orville dropped out of college and started his own repair business.

Orville dropped out of **school** and started his own **printing** business.

30. One day, the brothers read a book about a man who had flown using a helicopter.

One day, the brothers read **an article** about a man who had flown using a **glider**.