First Quarter Examination

Student's name:.....

Sex: Male ○ Female ○

Class:...../Grade: **5**

Teacher's name: .....

Date: ...../...../.....

Time allowance: 30 mn

Reading

The Dinosaur-Bird Connection

Scientists learn more about *T. rex*'s relatives.

What do *Tyrannosaurus rex* and the chicken have in common? A team of scientists say the two animals are related. Recently, the scientists studied a *T. rex* bone that shows proof of that. Proof is anything that can be used to show that something is true.

The *T. rex* bone was part of a dinosaur's leg. It is 68 million years old. Scientists found it in Montana in 2003. They cut into the bone and were surprised to find protein inside. Protein is a living material that makes up muscle. It is also found inside bone.

Lewis Cantley is a scientist on the research team. "We were very excited," he says. "No one thought that protein could survive that long. "

Scientists used a special machine to study the protein. They compared it to the proteins in other animals. Chickens were the closest relatives.

Finding More Proof

Many scientists have long thought that dinosaurs and birds are related. The discovery was more proof. "Previous proof was based on the way the bones looked. This proof is based on protein," says Cantley. "It better supports our beliefs that chickens came from dinosaurs.

Are They Alike?

Imagine that *T. rex* and the chicken were the same size. Would they look related? How are they alike? How are they different?

Compare a Chicken to a *T. rex*

	Chicken	***T. Rex***
Height:	about 13 inches	about 18 feet (or about 17 chickens)
Length:	about 13 inches	about 40 feet (or about 37 chickens)
Weight:	5 to 11 pounds	10,000 to 14,000 pounds (or about 1,500 chickens)

I. Read the passage and choose the correct answer.

1. What did scientists find inside the T. rex bone?

A. chicken DNA B. disease

C. protei D. water

2. The author provides a list of what?

A. types of dinosaurs B. measurements of chickens and a T. rex

C. types of chickens D. relatives of dinosaurs

3. Scientists did not expect to discover the protein.

What evidence from the text supports this conclusion?

A. Scientists found the T. rex bone in Montana in 2003.

B. Scientists used a special machine to study the protein.

C. Scientists compared the protein to the proteins in other animals.

D. No one thought that protein could survive that long.

4. How did the scientists' discovery affect their ideas about dinosaurs and chickens?

A. It made them more confident in their ideas.

B. It made them very confused.

C. It made them think that dinosaurs and chickens are probably not related.

D. It made them think that chickens are better than dinosaurs.

5. What is the main idea of this passage?

A. Scientists found a T. rex bone that is 68 million years old.

B. Lewis Cantley is a scientist on a research team.

C. Scientists found proof in a T. rex bone that chickens are related to dinosaurs.

D. Protein is a living material that makes up muscle.

6. Read these sentences from the text.

"Many scientists have long thought that dinosaurs and birds are related. The discovery was more proof. 'Previous proof was based on the way the bones looked. This proof is based on protein,' says Cantley."

As used in the passage, what does the word "previous" mean?

A. Different B. special

C. earlier D. confusing

7. Choose the answer that best completes the sentence.

Scientists were surprised to find the protein, _____ because they didn't think it could survive that long.

A. Especially B. but

C. however D. such as

Top airports in the world

For many people airports are a nightmare - long queues when you check in and go through security and an even longer wait if your flight is delayed. But there are some airports where you can actually enjoy yourself. All good airports have excellent facilities for business people and children, free Wi-fi, restaurants, cafés, and shops. But the best airports have much more...

SINGAPORE AIRPORT is paradise for flower lovers, as it has an Indoor orchid garden! It also has à rooftop swimming pool and a free sight-seeing tour for people who have at least five hours to wait for their connecting flight.

If you like computer games, you'll never be bored at **HONG KONG INTERNATIONAL AIRPORT**-there are dozens of free Playstations all over the terminals! It's also good for people with no sense of direction- there are 'Airport Ambassadors' in red coats, who help you to get from one place to another.

SEOUI AIRPORT is the place to relax. You can go to the hairdresser and have beauty treatments or a massage. Sports fans can also play golf at their 72-hole golf course!

MUNICH AIRPORT helps to keep passengers entertained with a 60-seat cinema and non-stop films. There is also free coffee and tea near all the seating areas, and lots of free magazines and newspapers.

If you worry about your health and like to be near medical services at all times, **OSAKA AIRPORT** in Japan is the perfect place to wait, as it has a dentist and doctor's surgery. And for people with animals, there is even a pet hotel!

If you have a long wait between flights at **ZURICH AIRPORT** in Switzerland, you can rent day rooms with their own bathroom and kitchen and wake-up call service. So you can have a shower and then sleep peacefully until you have to board your flight.

II. Answer the questions. (write at least one to three words)

1. Which is the best airports if you have a medical problem?

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2. Which is the best airports if you would like to see a film?
.....

3. Which is the best airports if you want to do some sport or exercise?
.....

4. Which is the best airports if you need to leave your dog for the weekend?
.....

5. Which is the best airports if you are worried about getting lost?
.....

6. Which is the best airports if you want to sleep between flight?
.....

7. Which is the best airports if you would like to see the city between flight?
.....

III. Choose the word from the box to complete the article bellow

clean , mayor , assignments , sweeps , states , expectations , government , located , classroom , understand , responsibility , principal , city , leader , governor , president

Important People

The janitor is the person who helps keep the school **(1)** ..... Every morning students come from all over and walk into the school building. A building can get dirty, especially when a lot of people go into it. The janitor **(2)** ..... and mops the floors so that the dirt brought in gets cleaned up.

The teacher is the person who runs the **(3)** ..... The teacher helps you learn about different topics and gives you **(4)** ..... If you don't **(5)** ..... something, you can ask the teacher for help.

The **(6)** ..... is the person who is in charge of the whole school. The principal is the leader of the school. The principal is in charge of all the teachers at the school. The principal is the person whom parents call when they want to talk to someone about the school. The principal usually sets high **(7)** ..... for the students and makes sure that learning is happening in the school.

American schools are in a **(8)** .....or town. The city or town has a **(9)** ....., too. The leader is usually called the mayor. The **(10)** ..... is in charge of running the **(11)** ..... of the city or town. The mayor works with the people in the city or town and the other people in the government to fix the problems of the city or town. The mayor has a lot of **(12)** ..... An American city or town is **(13)** ..... within a state. Just like a city or town has a leader, a state has a leader, too. The leader of a state is called the **(14)** ..... An American state is a part of the United States. There are 50

(15) ..... , and each one has a governor. The person who is the leader of the United States of America is called the **(16)** ..... There have been over forty presidents throughout the course of America's history. The first president of the United States of America was George Washington. Who is the current president?