**B2U2 Changing Climate, Changing Minds**

**Self-test**

**I. Vocabulary**

**Choose the appropriate word or expression to fill in each blank.**

1. After paying for our travel costs, we \_\_\_\_\_\_\_\_\_ broke even.

A. almost B. barely C. scarce D. even

2. Wedding rings are intended to be \_\_\_\_\_\_\_\_\_\_\_ of love and commitment.

A. sign B. symbolic C. label D. syndrome

3. We watched scenes of the \_\_\_\_\_\_\_\_\_\_ rescue on the news.

A. appalling B. attractive C. dramatic D. dreamlike

4. I told the hairdresser to do what she wanted to my hair, and look at the \_\_\_\_\_\_\_\_\_\_\_\_!

A. consequences B. ending C. condition D. situation

5. A lot of businesses are being hurt by the \_\_\_\_\_\_\_\_\_\_ high interest rates.

A. present B. current C. recent D. upcoming

6. What do you think of the recent \_\_\_\_\_\_\_\_\_ of political scandals?

A. line B. string C. set D. succession

7. She was arrested for shoplifting but was \_\_\_\_\_\_\_\_\_\_ after paying a sum of money to the court.

A. released B. relieved C. detained D. imprisoned

8. The 20th century \_\_\_\_\_\_\_\_\_\_ revolutionary changes in our lifestyles.

A. brought down B. brought in C. brought about D. brought up

9.

-- Did you hear Tom won the first prize in this composition contest?

-- Well, I \_\_\_\_\_\_\_\_\_ whether he wrote that essay by himself.

A. really doubt B. am sure C. don’t know D. don’t think

10.

-- How do you see climate change? Can it cause many serious problems?

-- Definitely. More and more species of plants and animals are threatened with extinction \_\_\_\_\_\_\_\_ climate change.

1. together with B. because of C. and then D. resulting in

**II. Listening Comprehension**

**News Report**

**Directions:** *In this section, you will hear one news report. At the end of the news report, you will hear three questions. Both the news report and the questions will be spoken only once. After you hear a question, you must choose the best answer from the four choices marked A), B), C) and D).*

**Questions 1 to 3 are based on the news report you have just heard.**

1. A. Bacteria prefer colder areas to warmer areas.

B. The warmer environment is more suitable for the growth of bacteria.

C. People become weaker in their immune system.

D. Animals will carry the bacteria when they migrate.

2. A. The local agricultural products may be affected.

B. All the foods are becoming unsafe.

C. People cannot live there any longer.

D. No wildlife will be able to live there.

3. A. To monitor the change in temperature.

B. To provide more effective medicine.

C. To invest more money in increasing crop production.

D. To enhance people's awareness of environmental protection.

**Script**

Climate change could have a big impact on human, animal and plant health by making it easier for diseases to spread. Rising temperatures are changing environments and removing some of the natural barriers of various bacteria so that they could cause more diseases to human beings and other animals as well. This phenomenon is serious in the arctic and in warmer oceans. For example, in the arctic there are worms that affect the polar bears, and the worms are developing faster than before. And then in tropical oceans, there's a large amount of evidence that bacteria are increasing due to the change in ocean temperature.

In developing countries, the diseases may affect agriculture and wildlife and therefore could affect food security and the lives of local people. We should know what's needed to help us predict and ultimately manage disease outbreaks in people and animals and plants. Modern health care and medications are considered to be the most effective way to prevent outbreaks of a lot of diseases. In the next five to ten years scientists will be able to find solutions to the diseases associated with climate change.

The effects of climate change will last over decades. So it's vital to develop a long-term plan and do plenty of research work. Probably, crop management may be a good example to follow. It has a long history of tracking disease outbreaks, predicting potential threats and responding to those threats early.

**Questions**

1. Why does climate change cause more diseases to spread?
2. Which one may be the consequence caused by the diseases related to climate change?
3. What is the best way to prevent the outbreaks of diseases?

Key: 1. B 2. A 3. B

**Long Conversation**

**Directions:** *In this section, you will hear one long conversation. At the end of the conversation, you will hear four questions. Both the conversation and the questions will be spoken only once. After you hear a question, you must choose the best answer from the four choices marked A), B), C) and D).*

**Questions 4 to 7 are based on the long conversation you have just heard.**

4. A. His plane takes off in less than 2 hours.

B. He has a meeting at two.

C. His flight leaves in 3 hours.

D. He is very busy with work and must leave now.

5. A. By cash.

B. By cheque.

C. By debit card.

D. By credit card.

6. A. He asked her to call a taxi for him.

B. He asked her to provide a receipt.

C. He asked for the timetable of the free airport shuttle bus.

D. He asked her to call the porter to load his bags on the bus.

7. A. She asks him to leave a comment on the hotel’s web page.

B. She asks him to pay by credit card for convenience.

C. She asks him to load his bags himself because the porter is busy now.

D. She asks him to praise her service on the hotel’s web page.

**Script**

W: Did you enjoy your stay with us, Mr. Brown?

M: Yes, very much. I had a wonderful time here. Now I'm going to the airport. My flight leaves in less than 2 hours. So, could you tell me, what's the quickest way to get there?

W: Well, we can call a taxi for you. We also have a free airport shuttle service.

M: That sounds great, but will the shuttle get me to the airport in time?

W: Yes, it should. The next shuttle leaves in 15 minutes. And it takes some 25 minutes to get to the airport.

M: Fantastic! I'll just wait in the lobby. Will you please let me know when it's leaving?

W: Of course, sir.

M: Now I would like to settle my mini-bar bill. How much is that?

W: Let's see. It comes to $37.50. How would you like to pay for it?

M: I'll pay with my credit card. Thanks. But I'll need a receipt, so I can charge it to my company.

W: Absolutely! Here you are, sir. If you like, I can leave your bags with the porter. And he can load them onto the shuttle for you when it arrives.

M: That would be great. Thank you.

W: Would you like to leave a comment on our web page when you have time?

M: Sure. I had a really good stay here, and I'd like to recommend your hotel to my friends and colleagues.

W: That's very kind of you. Thank you again for staying at Sheraton Hotel.

**Questions:**

4. Why does the man ask about the quickest way to the airport?

5. How is the man going to pay his bill?

6. What did the man ask the woman to do?

7. What favor does the woman ask of the man?

Key: 4. A 5. D 6. B 7. A

**Passage**

**Directions:** *In this section, you will hear one passage. At the end of the passage, you will hear three questions. Both the passage and the questions will be spoken only once. After you hear a question, you must choose the best answer from the four choices marked A), B), C) and D).*

**Questions 8 to 10 are based on the passage you have just heard.**

8. A. Microwaves make food move in the oven.

B. Microwaves produce heat in the oven.

C. Microwaves produce heat in the food.

D. Microwaves cause friction in the food and then cook it.

9. A. Before the Second World War.

B. After the Second World War.

C. In 1942.

D. One day in 1944.

10. A. A chocolate bar.

B. A candy bar.

C. A melted mess.

D. Some sweets.

**Script**

Microwave cooking is probably the best cooking discovery since fire. In fact, it might be better than fire, since microwaves, instead of a flame or an electric element, cook the food.

Similar to heat and light waves, microwaves are short radio waves. They work by motion. They cause the molecules (分子) in food to move, which produces friction (摩擦力)．It’s similar to rubbing your hands together when they’re cold. The friction produces heat in the food, and the heat cooks the food.

There is a legend behind the use of microwaves for cooking.

Percy Le Spencer was employed by the Raytheon Company during World War II. One day in 1942 he was working with a substance which produces microwaves. When he pulled a candy bar from his pocket, it was a melted mess. Although Spencer was working on scientific experiments, not trying to invent a new way of cooking, he realized that it was the microwaves that had melted the candy. Spencer knew that if microwaves melted candy, they would cook other foods as well．

In fact the first microwave ovens were suspected of causing health problems, but the new models are safe. And now microwave cooking can be found in many homes all over the world.

**Questions:**

8. What is the principle of microwave oven?  
9. When was microwave found useful for cooking?

10. Which of the following items is critical in the legend of microwave cooking?

**Key:** 8. D 9. C 10. B