

♪CHIME♪

<Listening Comprehension Test>

<Directions>

Please open your test booklet.

You are going to have a Listening Comprehension Test. This test consists of two parts: Part 1 and Part 2. All of the questions in the two parts are multiple choice questions. For each question, there are four possible answers written on your question sheet, labeled 1, 2, 3 and 4. You must choose the best answer for each question. Indicate your choice by marking the correct number 1, 2, 3 or 4 on your answer sheet. You may take notes while listening.

Now, here are the directions for Part 1. In this part, you will listen to 8 dialogues, No.1 through No.8. Each dialogue will be followed by one question. For each question, you will have 10 seconds to choose the best answer. The dialogue and the question will be read only once.

Now we will begin Part 1.

Part 1

No. 1

Layla: Hi, Matthew. How's your English class? You look so nervous. Are you okay?

Matthew: Hi, Layla. Yeah, actually I am feeling nervous about the big project. I have to prepare for it.

Layla: You might be having a tough time, but I think you need to have a break. ...Ah, next Sunday I am going to pick strawberries. Why don't you come with me?

Matthew : Thanks for asking me. I think I'll hardly enjoy it.

Layla: I disagree. It will be easier to prepare for the project after you get refreshed.

Question 1 : What is Layla suggesting to Matthew?

No. 1 解答番号は

- ① He should give up the project.
- ② He should go out for a change.

- ③ He should stay home and rest.
- ④ He should work harder on the project.

No 2

David : Risa, these days, I don't see you in our tennis club.

Risa : Hi, David. I have been busy studying.

David : Why?

Risa : As you know, our university has just made an announcement about a new student exchange program.

David : Yeah! It covers flight costs and school expenses and only two students will be admitted to the program.

Risa : Exactly. There seem to be a lot of applicants. And the requirements for the program are tough for me. I want to fully prepare for it.

David : I see. Do your best!

Question 2: What is true about Risa?

No. 2 解答番号は

- ① She has finished studying abroad as an exchange student.
- ② She has joined another tennis club at a university overseas.
- ③ She has been allowed to study abroad as an exchange student.
- ④ She has been preparing to be an exchange student.

No 3

Janice : My mobile phone charge each month is so expensive. I only use the cheaper text message system instead of making expensive audio calls. I don't know why the cost is so high.

Theo : Let's see your phone bill, Janice. Do you often watch videos on some websites or applications?

Janice : No, not so much.

Theo : Maybe, besides the basic monthly fee, you have some additional services which you don't need, such as unlimited data volume. If you cancel the services which you are not using, you'll be able to reduce the cost.

Janice : I see. A more moderate plan would cost less money. I'll go over the plan.

Question 3: What is Janice's problem?

No. 3 解答番号は

- ① Her mobile phone is too old and the battery is likely to be useless soon.
- ② She cannot cancel the subscription for the mobile application she is using.
- ③ Some applications in her mobile phone tend to suddenly be unavailable.
- ④ She does not use some of the services, but her phone bill is still high.

No 4

Luna : Hello, This is Luna Cook of Osaka Company.

Thomas : Hello, I am Thomas Smith, Ms. Garcia's secretary. May I help you?

Luna : Could I talk with Ms. Garcia?

Thomas : We are sorry but she is out for a little while. May I take a message for you?

Luna : Thank you. I'm supposed to see her to have a meeting today. The appointment time is 4:00 pm, but I will be 20 minutes late. I would like to ask her to see me at 4:20 pm.

Thomas : OK. Let me check her schedule. Actually, she must leave the office at 4:30 pm today.

Luna : Then, could you check her schedule for tomorrow? I'd like to set a new meeting time to see her.

Question 4: What will Luna do next?

No. 4 解答番号は

- ① She will ask Ms. Garcia to wait for her at the office after 4:30 pm.
- ② She will meet Ms. Garcia on time at 4:00 pm.
- ③ She will meet Thomas instead of Ms. Garcia.
- ④ She will make a new appointment to meet Ms. Garcia.

No 5

Aaron : We completed the business meeting with the clients successfully, didn't we, Catherine?

Catherine : Yeah, Aaron. We will become busy soon. I really appreciate your ample and careful preparations. Thanks to them, I was able to talk smoothly about the project, necessary expenses, and some case studies.

Aaron : Thank you. It was you that did the great presenting. In particular, the clients looked happy with the costs we informed them of. They had big smiles on their faces during the meeting.

Catherine : Thank you for your compliments. I won't forget your effort in organizing a lot of the detailed information. Thank you so much!

Question 5: What makes Aaron and Catherine think that the business meeting was a success?

No. 5 解答番号は

- ① Aaron delivered the whole presentation and Catherine prepared for it.
- ② Catherine made a lot of effort in organizing a lot of detailed information.
- ③ They showed the clients a shorter presentation than they planned.
- ④ They showed the information about costs which satisfied the clients.

No 6

Lucia : Hello Keith! You are smiling. Has something good happened to you?

Keith : Yeah, Lucia. I have been using hydroponics to grow lettuce at home.

Lucia : Oh, hydroponics. You mean you are growing them with water instead of with soil?

Keith : That's right. It's not difficult. I planted seedlings a month ago. They are growing gradually. Last night, I gathered some leaves and made a salad with them. It was wonderful.

Lucia : Sounds great.

Keith : The fresh lettuce matched a homemade dressing very well.

Lucia : Nice! What do you need to grow them?

Keith : Only some plastic bottles and some pieces of sponge are needed.

Lucia : That sounds easy.

Question 6: Which statement is true?

No. 6 解答番号は

- ① It's not difficult for Keith to grow lettuce at home.
- ② Keith's way of growing lettuce requires some soil.
- ③ Lucia didn't know the word which refers to Keith's way of growing lettuce.
- ④ Lucia had a salad with Keith at the restaurant.

No 7

Hudson : Hi Sophia, I heard you are now in charge of the research section.

Sophia : Yeah, actually, I have a little problem, Hudson. Lately, I've been getting a lot of emails.
This has been a big distraction to my work.

Hudson : I see. You must receive a lot of inquiries.

Sophia : That's true. My working time runs out while answering them.

Hudson : Why don't you use a text-messaging system?

Sophia : Is it useful?

Hudson : Yes. You can easily share messages with your colleagues at the same time. Also, phone calls are sometimes useful. I think these ways are effective.

Sophia : Thanks.

Question 7: What is Hudson's suggestion to Sophia's problem?

No. 7 解答番号は

- ① She should adopt other ways of communication.
- ② She should have somebody else write letters by hand.
- ③ She should write as many letters as possible in a limited time.
- ④ She should write emails as soon as possible every time.

No 8

Victoria : I hear it takes you about two hours to come to university. Why don't you live around here, Kento?

Kento : I'd love to, but it'll be expensive.

Victoria : Then, how about living in a dormitory in the university? It would be cheaper than renting a house and it would take less time to commute. Also, you can make a lot of friends.

Kento : That's true. But, living with my family is even cheaper than living alone. I can spend the commuting time effectively by reading some books on the train. That's why I come to university from my hometown.

Victoria : That makes sense.

Question 8: Which statement is true?

No. 8 解答番号は

- ① Kento commutes to school from his hometown.
- ② Kento lives in a dormitory with his friends.
- ③ Kento lives in a house near his university.
- ④ Kento saves time and money on commuting by living in a dormitory.

<Directions>

Here are the directions for Part 2. In this part, you will listen to 2 passages, No. 1 and No. 2.

Each passage will be followed by two questions. Before each passage, you will have 10 seconds to read the directions written in your test booklet. After you hear the passage, you will have 10 seconds to choose the best answer. The passage and the questions will be read twice.

Now we will begin Part 2.

Part 2

No. 1 You have 10 seconds to read the directions for Part 2, No. 1.

Most recently, FAO has introduced good practice and sustainable low-cost solutions for improving the quality and shelf-life of mangoes in Bangladesh. The evidence shows that despite their low cost, the impact of such measures is high.

The use of plastic crates for bulk packaging, for instance, reduced losses to a minimum during transportation, while shelf-lives in shops and markets improved significantly for the mangoes that underwent a hot-water treatment that controls post-harvest diseases. New harvesting tools and techniques, such as improved picking poles or trimming the fruit stem with scissors and gloves rather than pulling them off by hand, reduced mechanical injury to the fruit, while the trimming of the stems reduced latex staining of the fruit when packed in the crates, making them more attractive in shops and markets.

Overall, improvements in the post-harvest handling practices, together with the hot water treatment, resulted in better quality mangoes having a longer shelf life in retail, with a 70 – 80 percent reduction in the number of mangoes wasted due to decay over a period of five days. This reduction in food waste, coupled with the longer shelf-life, resulted in significant financial gains for both farmers and retailers.

"These incredible improvements demonstrate that small changes in post-harvest practices, coupled with low-cost equipment, can have a big impact on the quality and shelf-life of fresh produce and in reducing food loss and food waste," said Rosa Rolle, Senior Enterprise Development Officer at FAO.

FAO is now promoting these findings and practices to stakeholders around the world. To date, at least 5 000 small holders across Asia have already been trained in fresh fruit and vegetable production and marketing.

Question 1:

Why is a hot-water treatment effective for mangoes in Bangladesh?

解答番号は

- ① Because the treatment makes it easier to pull mangoes off by hand.
- ② Because the treatment makes it easier to put mangoes in plastic crates.
- ③ Because the treatment makes it possible to control diseases after harvesting.
- ④ Because the treatment makes it possible to trim the stems of the fruit.

Question 2: Which statement is true?

解答番号は

- ① New harvesting tools are very effective to reduce mango waste but they are too expensive for farmers to buy.
- ② Plastic crates to carry mangoes in are so hard that mangoes are easily damaged.
- ③ Pulling mangoes off by hand is the best way to reduce mechanical injury to the fruit.
- ④ The reduction in mango waste, together with the longer shelf-life, resulted in financial gains not only for farmers but also for retailers.

Listen again.

No.2 You have 10 seconds to read the directions for Part 2, No. 2.

A new study shows that there is a link between rising temperatures and changes in polar bears' DNA. This may help the bears adapt to increasingly challenging environments.

The study shows that certain genes linked to heat stress, ageing and metabolism differ in polar bears in south-eastern Greenland – suggesting that they are adapting to warmer conditions.

The researchers analysed blood samples taken from polar bears in north-eastern and south-eastern Greenland to compare the activity of so-called 'jumping genes', small, mobile parts of the genome that can affect how other genes function, in relation to the temperature in the two regions.

Northeastern Greenland proved to be colder and had less temperature variation, while the differences in the southeast were greater and the environment milder and less icy – something that resembles the future conditions polar bears are expected to face.

'Since the rest of the species is threatened with extinction, these specific bears represent a genetic blueprint for how polar bears can adapt quickly to climate change,' said Alice Godden, from the Department of Biology at the University of East Anglia, who led the study, in a comment.

She explains that the polar bears' unique genetic code is important for conservation efforts, but

that it is not enough to save the species.

‘This certainly gives us hope – but it does not mean that polar bears are less at risk of extinction. We must still do everything we can to reduce global carbon dioxide emissions and slow down global warming.’

The polar bear is listed as vulnerable by the International Union for Conservation of Nature (IUCN), and a large proportion of the world’s polar bears are expected to be extinct by 2050. As the Arctic Ocean gets warmer, the sea ice is forming later and later, meaning that polar bears are unable to go out and hunt seals to replenish their fat reserves.

Question 1: What does the new study show about the polar bears?

解答番号は

- ① All genes in the polar bears in north-eastern and south-western Greenland are exactly the same.
- ② The changes in the polar bears’ DNA may enable some of them to adjust to the rising temperatures.
- ③ There is a genetic blueprint for slowing polar bears’ adjustment to climate change.
- ④ The study shows that polar bears in south-eastern Greenland are not adapting to warmer conditions.

Question 2: Which statement is true?

解答番号は

- ① As the Arctic Ocean gets warmer, the sea ice is forming later and later, and as a result, there are fewer chances for polar bears to hunt seals and build up enough fat.
- ② North-eastern Greenland was milder and less icy than south-eastern Greenland.
- ③ Only a few polar bears all over the world will die by 2050.
- ④ The polar bears’ unique genetic code is enough to save the species.

Listen again.

This is the end of the listening comprehension test.

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