

「1級リスニングテスト」原稿

ただいまから、1級リスニングテストを行います。これからお話しすることについて質問は受けませんので、よく注意して聞いてください。このテストでは、テストの方法と注意事項がすべて英語で放送されます。

The listening test for the Grade 1 examination is about to begin. Listen carefully to the directions. You will not be permitted to ask questions during the test.

This test has four parts. All of the questions in these four parts are multiple-choice questions. For each question, choose the best answer from among the four choices written in your test booklet. On your answer sheet, find the number of the question and mark your answer. You are permitted to take notes for every part of this listening test.

Now, here are the directions for **Part 1**. In this part, you will hear 10 dialogues, **No. 1** through **No. 10**. Each dialogue will be followed by one question. For each question, you will have 10 seconds to choose the best answer and mark your answer on your answer sheet. The dialogue and the question will be given only once. Now, let's begin.

(★=男性 A ★★=男性 B ☆=女性 A ☆☆=女性 B)

★No. 1

★★: I heard you were chosen to head up the Chicago office. Congratulations, Debbie.

☆☆: Actually, I decided against accepting the offer. My husband just got a new job in town, and I don't want to uproot our kids from school.

★★: Well, I can't say I'm disappointed. I wasn't sure how we'd ever get along without you.

☆☆: Thanks for the kind words, Jack. Actually, being able to work with everyone on our team was one of the factors in my decision, too.

★Question: What do we learn about Debbie?

★★No. 2

☆: Gary, it's me. I'm afraid I have to work late again.

★: Again? That's the third time this week! When do you think you'll get home?

☆: Probably around 9. Listen, Clive's baseball practice ends at 8:30. Can you pick him up?

★: Well, I'm supposed to be giving your mom a ride to the airport.

☆: Ah, I forgot. Well, I guess he'll just have to wait for a bit until I get there.

★: He'll understand. And I'll pick up some dinner for us on my way back.

★★Question: What will the woman do?

☆☆No. 3

★★: Hi, Lisa. How are you enjoying your violin classes?

☆: They're good but very demanding.

★★: Yeah, I studied with Mrs. Jackson for years.

☆: I've been playing since I was a kid, but she has me working on the basics.

★★: It's just to perfect your technique.

☆: I know, but she's such a slave driver!

★★: You do know that she's the most sought after teacher in New York, and a virtuoso herself.

☆: That's true.

★★: It'll be tough, but if you stick with Mrs. Jackson, you won't regret it.

☆☆**Question:** What do we learn about Mrs. Jackson?

☆**No. 4**

☆☆: I hope you enjoyed your stay at our resort, Mr. Barker.

★: I sure did. My wife and I are thinking of returning in October. If we stayed for an entire week, would it be possible to get a better deal on our room rate?

☆☆: October is not our peak season, so it's probably not out of the question. Let me talk to the manager, and I'll get back to you before your airport limousine arrives.

★: Thanks, I'd appreciate anything you could do.

☆**Question:** What does the woman imply?

★**No. 5**

★★: Did you get a chance to look over the latest draft of my thesis, Professor Jameson?

☆☆: Yes, I did, Walter, and overall it looks pretty coherent and logical. However, I'm concerned about the websites you cited.

★★: Oh? What's the problem with them?

☆☆: Some are questionable, written by amateurs. I'd eliminate those and find more authoritative sources if I were you. Sometimes a really good source takes a bit longer to find.

★**Question:** Why is the professor concerned?

★★**No. 6**

★: I can't believe the government's planning to raise the consumption tax.

☆: Doesn't surprise me. The country has been running a deficit for years. Someone's got to pay the bills eventually.

★: Well, that somebody's going to be us. The tax is already 5 percent on anything you buy, and the proposal is to raise it an additional 1 percent for three consecutive years.

☆: Well, I guess it's inevitable, but it'll sure make us think more carefully about what we buy.

★★**Question:** What does the woman conclude about the tax increase?

☆☆**No. 7**

☆: Honey, our utility bills are still too high. We need to find more ways to cut our energy consumption.

★★: But we've already been replacing the light bulbs with energy-saving ones. And we put insulating plastic on the windows to prevent heat loss.

☆: There must be something else we can do.

★★: To be honest, I'm skeptical about how much difference all this'll make. The only thing that's been cut so far is our bank balance!

☆: I'm sure we'll save in the long run. And we'll be helping the environment.

☆☆**Question:** What does the man believe about the energy-saving measures?

☆**No. 8**

☆☆: What's wrong with your eye, Lewis?

★: I don't know, but it's really itchy. I don't have insurance, so I can't afford to go to a clinic.

☆☆: You should try Lens Makers. They specialize in glasses, but I went there for a prescription when I got an eye infection last year. The eye exam only cost about \$25.

★: You're kidding!

☆☆: You'll have to pay full price for the medication, though.

★: Well, at least I'll save something.

☆**Question:** Why will the man go to Lens Makers?

★**No. 9**

☆: Hey, David. I haven't seen you in a while. How's everything?

★★: Pretty good. We just got back from 10 days in Scotland.

☆: Nice. Was it just you and your wife, or did the whole family go?

★★: We all went. It's what you might call an annual family project. Every year, we take turns choosing places we want to experience, and then we go to them together.

☆: Nice idea! Your kids are teenagers now, right? Were they tough to travel with?

★★: Not really. Tempers flared occasionally, but overall I was surprised by how much they and I enjoyed the whole experience.

☆: Great! Actually, I visited Scotland a few years back, and it was far more expensive than I expected. The hotel and restaurant costs just about broke the bank. With a family of four, how on earth did you manage?

★★: Going in the off-season helped, and I made the best of some online hotel deals. The kids were pretty good at finding bargains such as cheap restaurants and coupons on their smartphones, too. So, all in all, we managed to avoid overspending.

☆: So, what's the next adventure?

★★: We're going to go on a rafting trip on the Colorado River—that's my son's idea.

☆: Wow! You know, maybe I should get my family to do a similar project.

★**Question:** What is one thing the man says?

☆☆**No. 10**

★: Suzanne, we've been asking the board of directors to let us hire more sales and administrative staff for months. Why are they ignoring our requests? Have you heard anything?

☆: I assure you, Dan, they're not ignoring us. Many of our offices are running short-handed right now. I'm told we definitely plan to boost recruitment when the timing's right.

★★: But the economy's finally picking up steam, and our sales volume has increased by almost 30 percent over last year. When would a better time be?

☆: Sales *are* up, Josh, but you know that we've had to lower product prices to stay competitive.

★: With all due respect, even taking that into account, our profit margins are quite healthy.

☆: True, but a lot of that is thanks to minimized personnel costs, as well as product automation and offshoring.

★★: I know what you're saying, Suzanne, but I think there's another reason that you're not letting on about. Does it have to do with the government's plan to re-examine corporate tax rates?

☆: This is off the record, guys, but you're on the right track. There are many other factors, too, but ultimately the board is reluctant to approve additional staffing outlays until they have a better feel for what's going to happen in that regard.

☆☆**Question:** What is one thing the woman says?

Here are the directions for **Part 2**. In this part, you will hear five passages, (A) through (E). Each passage will be followed by two questions, **No. 11** through **No. 20**. For each question, you will have 10 seconds to choose the best answer and mark your answer on your answer sheet. The passage and the questions will be given only once. Now, let's begin.

☆☆ (A) *The Obesity Paradox*

Obesity has been shown to increase the risk of a variety of serious lifestyle-related illnesses, including heart disease and diabetes. Researchers were therefore surprised to discover that once such an illness occurs, obese patients have higher survival rates than patients whose weight is normal. In fact, the mortality rate for patients of normal weight was double that of obese patients. This phenomenon is known as the “obesity paradox.”

Various explanations for the paradox have been put forward. One is based on the fact that people of normal weight often have a higher percentage of a type of fat known as visceral fat. This kind of fat is thought to be more dangerous than other types of body fat. This is because it contains a type of fatty acid that accumulates in and around locations such as the heart and liver. These organs are not made to store fat, so the presence of the fatty acid can impair their function, and even lead to organ failure. Further experiments are needed to confirm the visceral fat theory, but researchers hope to better understand how all types of fat affect human health.

★Questions

- ★No. 11 What were researchers surprised to discover in their study of those with serious illnesses?
★No. 12 Why is visceral fat considered dangerous?

★★ (B) *Ancient Forests*

The rain forests of Southeast Asia were once believed to have been virgin wilderness areas untouched by humans until quite recently. But a study in Borneo led by researcher Dr. Chris Hunt has determined that people have shaped this landscape for millennia. Conducting the study was not easy; thick tree canopies prevented aerial surveys, and excavations were pointless because ancient wooden buildings and tools would have long since decomposed. Instead, Hunt's team collected pollen, which remains in soil for thousands of years. The pollen samples found in Borneo contain charcoal, indicating the occurrence of fires. Had the fires started naturally, the forest would have been repopulated with a wide variety of trees and weeds. Instead, though, the researchers mostly discovered evidence of fruit trees. This shows people had been using fire as a way to clear the land to cultivate trees for food.

The team's findings could help indigenous peoples prove legal ownership of their lands. Some Southeast Asian countries have laws that deny rain-forest inhabitants land rights on the basis that they are nomadic peoples who make no lasting change to their environment. Now, the discovery that indigenous peoples actively managed forests for thousands of years may give tribes the evidence they need to hold onto their lands.

☆Questions

- ☆No. 13 What did Dr. Chris Hunt and his team discover about the rain forest in Borneo?
☆No. 14 According to the speaker, what might the team's findings allow indigenous peoples to do?

☆ (C) *Crime Fighting Through Crowdsourcing*

Thanks to the extensive reach of the Internet, many organizations can solve complex problems by drawing on the knowledge and creativity of the general public. This approach, called crowdsourcing, is now being used to fight crime. For example, after a sports-related

riot in Vancouver, Canada, authorities used photographs and videos submitted by local citizens to arrest more than 200 people who had burned cars and damaged local-business properties. The approach was highly effective in this case. But law enforcement officials point out that it is not suitable in every situation, as the police can get overwhelmed trying to follow up on all the information they receive.

Citizens' groups in Central America have also been using crowdsourcing. In Guatemala, where many people are skeptical about the authorities' ability to reduce crime rates, a crowdsourcing website called Alertos has been gaining popularity. Witnesses to crimes anonymously submit the time, nature, and location of illegal activities they observe. From this data, Alertos generates real-time maps that show trouble spots to avoid. However, Alertos contributors are also told on the site that they should report incidents to the police, as Alertos itself cannot investigate crimes or pass on reports to the authorities.

★★Questions

★★No. 15 Why is crowdsourcing sometimes viewed as a problem by law enforcement officials?

★★No. 16 What is the aim of the Alertos website?

★(D) *Hannibal at Cannae*

In 218 BC, the Roman Empire was invaded by an army commanded by the famous general Hannibal. Hannibal had been sent by the rival Carthaginian Empire, and he crossed the European Alps with an army that included the world's most elite horse cavalry and even enormous war elephants. It is widely documented that Hannibal's arrival took the Roman Empire by surprise. However, many accounts overlook the severe losses that Hannibal's army suffered during its epic journey across the mountains. In fact, by the time of the famous Battle of Cannae in 216 BC, Hannibal's men were at a significant numerical disadvantage.

Before the battle, Hannibal ordered his men into a long line with his horse cavalry at either end. The Romans were in a shorter line. Hannibal was relying on his horsemen, who were superior to the Roman cavalry. After overcoming the Roman horsemen, Hannibal's cavalry were ordered to pass behind the enemy forces. They then turned and charged the Romans from the rear. This caused widespread panic, allowing Hannibal's army to completely encircle the Romans. With no possibility of retreat, the Roman army was almost completely destroyed, and the Battle of Cannae is now remembered as one of history's most brilliant military victories.

☆☆Questions

☆☆No. 17 What problem did Hannibal face at the Battle of Cannae?

☆☆No. 18 How did Hannibal achieve victory at the Battle of Cannae?

☆☆ (E) *Spotlight on Hydraulic Fracturing*

In an energy-hungry world, hydraulic fracturing is often seen as a way to unlock vast new supplies of natural gas. Commonly known as "fracking," it is a complicated drilling method that pumps water containing chemicals at high pressure into rocks underground so that the natural gas there can be accessed. However, environmental groups question whether the extracted fuel is worth the potential consequences. One concern is that fracking has been linked to groundwater contamination. Fracking also uses massive amounts of water, and critics claim this is an extremely inefficient use of a resource often in short supply. In fact, about half of the fracking sites drilled in the US since 2011 are in areas vulnerable to drought.

In response, some fracking companies have become interested in new water-treatment technologies. This has allowed several small, clean-energy companies to use fracking to test innovations to see if they can be commercially viable for both fracking and

other industries. For example, one such company is conducting pilot tests of a water-filtration system at fracking sites. The company plans to use this experience to convince companies in other fields, such as food and beverage wastewater reprocessing, to adopt the system on a large scale.

★★Questions

★★No. 19 What is one concern that environmental groups have about fracking?

★★No. 20 What does the speaker say about the clean-energy companies?

Here are the directions for **Part 3**. In this part, you will hear five passages, (F) through (J). The passages represent real-life situations and may contain sound effects. Each passage will have one question, **No. 21** through **No. 25**. Before each passage, you will have 10 seconds to read the situation and question written in your test booklet. After you hear the passage, you will have 10 seconds to choose the best answer and mark your answer on your answer sheet. The passage will be given only once. Now, let's begin.

☆(F) You have 10 seconds to read the situation and Question No. 21.

★Redbrook Community College provides a variety of art courses for beginners. The Introduction to Art course, available either on Tuesday or Friday mornings for \$250, will teach you the fundamentals of composition and technique. A second course, Photography Art Fundamentals, is held on Tuesday nights for \$150. You will need a digital camera, or you can rent one for an extra \$50. In this course, you will be introduced to the world of artistic photography, learning how to create your own beautiful artistic photographs. You can also learn how to capture spectacular scenes in nature with our Nature Painting course. This runs on Sunday and costs \$180. Our Portrait Painting course provides a grounding in the techniques necessary to create portraits. The course runs all day on Saturday for \$190. The college provides all materials for the painting courses.

☆Now mark your answer on your answer sheet.

★★(G) You have 10 seconds to read the situation and Question No. 22.

☆We've made several inquiries regarding your cancellation. The plane ticket and hotel were booked as nonrefundable, but because of your circumstances, we've been able to obtain a 25 percent refund on your airfare and resort deposit. I'm sorry it's taken so long to resolve this. As a token of appreciation for your patience, we'd like to offer you a \$100 credit toward your next hotel booking through us. I'll send you an e-mail containing a promotional code that you can use on our booking website. The credit expires on December 31, which is three months from now, but you can use it to book your hotel up to a year in advance. There's no minimum stay, but of course room availability depends on your booking dates. If you need to book a plane ticket, too, please contact us, but remember that the credit is not valid for airfares.

★★Now mark your answer on your answer sheet.

☆☆(H) You have 10 seconds to read the situation and Question No. 23.

★★We have three communities here at Crystal Creek. First, we have the Rosewood Suites which come with full kitchens, but people who choose this option can also use the dining hall when they don't feel like cooking. Then we have the Maple Suites. They are not equipped with cooking facilities but are located close to the main dining hall. Maple is the most popular option, and is set in nice gardens, so it has a waiting list of eight months. We do have a few vacancies in Rosewood, though. We also have two assistance packages depending on residents' needs. Package A comes with basic services such as housekeeping. Package B is

more comprehensive and includes assistance with bathing, dressing, and personal hygiene. Finally, if your father needs full-time care, we offer the Total Care Plan. This is only available at the specially built Briar Suites. Whichever option you choose, your father will be in good hands.

☆☆Now mark your answer on your answer sheet.

★(I) You have 10 seconds to read the situation and Question No. 24.

☆☆Your house has been on the market for two months, but we haven't gotten any serious offers. Since you said you're not willing to lower your asking price, I suggest you do more work on the place. Painting the interior was a good move, and I think the house looks better now. But those old chandeliers could be updated. It would only take a few hundred dollars to swap them for more-contemporary lighting. Also, the triple-paned windows you have are a good selling point since they cut the road noise and boost insulation, but you could replace the wood frames around the panes as they look a bit old. That would cost about \$1,500. You could also consider putting a few thousand dollars into replacing some of the built-in appliances, such as the oven, in the kitchen. Anyway, let me know what you do, and I'll update the information on the website.

★Now mark your answer on your answer sheet.

☆(J) You have 10 seconds to read the situation and Question No. 25.

★We'll use three books for the class: the *Physics Today* textbook, *Introduction to Quantum Physics*, and finally, a fascinating little book called *Anomalies in Physics*. Purchase of *Physics Today* is mandatory. You can purchase it new for \$80 or used for around \$50 at the student bookstore. There are less expensive second-hand copies available online at recycledtexts.com, but you will need to allow up to three days for delivery. Be sure to bring the textbook to the next class. You'll also be reading assigned sections of the other two texts. You can read these two texts at the library, where I keep four copies on hand. Another option would be to make copies of relevant pages there. The exams are based heavily on the material in *Physics Today*, though they will also include questions drawn from the other reading assignments as well as my lectures. You can refer to the online syllabus for more details.

Finally, here are the directions for **Part 4**. In this part, you will hear an interview. The interview will be followed by two questions, **No. 26** and **No. 27**. For each question, you will have 10 seconds to choose the best answer and mark your answer on your answer sheet. The interview and the questions will be given only once.

★★Now, let's listen to the interview. This is an interview with Robert Williams, who helped start a charity cycling team in Japan.

Interviewer (I): Robert, thanks for coming here today.

Robert Williams (RW): Great to be here, Chris!

I: I understand that you've raised money for various charities. So, how do you decide which charities to support?

RW: As the cycling team was formed a year or two after the tsunami in 2011, we thought it would be fitting to raise some money for Tohoku relief. What we've tried to do is ensure that the charities we support can offer us sustainable projects. In other words, not just a one-off, "Let's use the money to buy some water and food," but also to see that this money is going to be used to develop, or to recover, in some way, from the, from the disaster. But our focus is, is

moving away from Tohoku this year, and we'll be supporting children alone this year through a children's charity. And we feel that that will offer us more scope to raise more money, because obviously children tug on the heartstrings. But also it's because we're going to support children in children's homes in Japan, that are abused, neglected, or orphaned.

I: Now, some people might argue that an industrialized, wealthy country shouldn't need charities. What do you think about that?

RW: Certainly, when I asked my friends in England to sponsor me to ride 500 kilometers to raise money for a children's home, or somebody to rebuild the homes in Tohoku, they, the first reaction is, well, Japan is one of the wealthiest nations on Earth, what do you need my money for? But like any, any government, small or large, they have to prioritize where they put their money. It's up to the government as to how they prioritize their budget.

I: Do you think enough is being done to promote cycling lanes, or, or cycle safety, in Japan?

RW: Well, Japan of course is a, is very, very famous for cycling—there's an awful lot of people that do cycle. But one thing that really worries me as a daily commuter on a bicycle is the lack of cycling proficiency. And in my country, in the UK, it's illegal to cycle on the sidewalk, or pavement as we call it, so that was a surprise to me. Recently, I've seen a few more bicycle lanes come up in Tokyo, but literally the, they are only 500 meters long. That's not going to help anybody to be safer on the roads or on the pavements. But with the Olympics coming up, I am hopeful that, that more focus will be given to cyclists.

I: What do you think the general attitude toward charities is in Japan?

RW: I've certainly found that it's been much easier for us to raise money by asking foreign companies in Japan than Japanese. But it may not be the fact that Japanese are not charitable, it's just that there's a lot more red tape and discussion and decisions that take longer to be made than in foreign companies. Also, I think the general attitude towards fund-raising is different. Foreigners will go and ride a bike, or run a marathon, and that is sufficient for their friends to sponsor and support them for whatever cause they choose. Whereas in Japan, it's probably not considered necessary to do anything of an endurance nature to ask for a charitable donation.

I: Well, that was really inspiring, Robert, thank you.

RW: My pleasure. Thank you for your time.

★★Questions

★★No. 26 What is Robert's opinion regarding the role of charities in Japan?

★★No. 27 What is one thing Robert mentions about raising money in Japan?

Your time is up. Stop writing and wait quietly until the answer sheets have been collected.

では、時間です。筆記用具を置いて答えの記入をやめてください。試験監督者に連絡いたします。これより最終の受験者数を確認してください。その後、解答用紙を回収し枚数の確認を行ってください。なお、問題冊子は回収しません。受験者数と解答用紙の枚数の一致を確認してから、解散の指示を出してください。

受験者の皆さんは、身のまわりをよく点検し、忘れものがないように注意してください。受験者の皆さんが退室するときは別の教室が試験中の場合もありますので、声を出さず、会場出口まで静かに退出してください。それでは、解散の指示を出すまで静かにお待ちください。