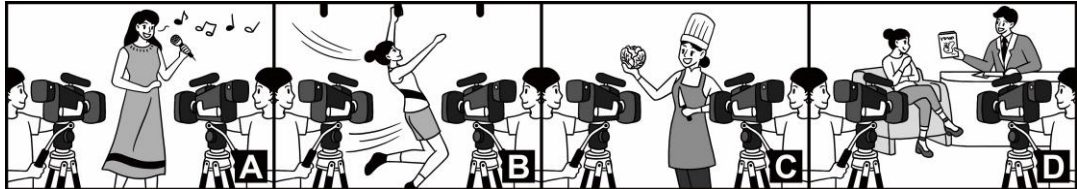


## Listening Section

### I. Pictures 看圖辨義 – 16% (每題 8 分)

Please look at the four pictures and listen to the following information. Then choose the picture that correctly answers the question.

For question 1, please look at the four pictures.



(C) 1. (7/1, 4, 5)

M: What will you introduce to your television audience this afternoon?

W: French cuisine. I'll prepare several traditional French dishes in front of the cameras.

M: Why did you choose French cuisine?

W: Its popularity has grown quite a lot in recent years.

M: That's certainly true. Does your live show still start at two o'clock?

W: Yes. I hope you enjoy the show!

Q: Where will the woman be at two o'clock?

Listen to the question. Then choose the two best answers that describe the picture.

For question 2, please look at picture 2.



(A) 2. What is the woman in this picture doing? (7/1, 4, 5)

- (D) A. Visiting a sausage stand.  
B. Waiting at a traffic light.  
C. Storing her shoulder bag.  
D. Conversing with a vendor.

### II. Best Response 最佳回應句 – 24% (每題 8 分)

Choose the best response to each question or statement.

(B) 3. Why do you want mustard on your ham sandwich instead of ketchup? (7/1)

- A. One will be fine. B. It adds flavor. C. I'll have beef soup. D. The bread is fresh.

(D) 4. This bottle of sweet relish is three dollars off the regular price today. (7/1)

- A. It's a healthy drink. B. I'll pay off the loan. C. You can repair it. D. That's a great deal.

(A) 5. How heavy is the package of documents that you're mailing to John? (7/4, 5)

- A. Less than a pound. B. A new post office. C. Some contracts. D. By Friday, I guess.

### III. Short Conversations 簡短會話 – 24% (每題 8 分)

Listen to the conversations. Then answer the questions.

(C) 6. (7/1)

W: Did you spend the entire morning at the pickle factory?

M: Yes. I checked all the equipment, work surfaces and storage areas.

W: To make sure they were clean?

M: Yes, and they were. I also checked all the raw ingredients that the factory uses.

W: Did you take samples of them and have them tested for harmful bacteria?  
M: Yes, I did. Everything seemed fine. And there are no issues with the way the factory handles waste.  
Q: Who is the woman probably talking to?  
A. A real estate agent. B. A car salesman. C. A food inspector. D. A legal consultant.

(C) 7. (7/2, 3)

M: It looks like your suitcase is almost full. Anything else you're planning to take with you?  
W: Yeah, I need my black shoes. Can you get them for me?  
M: Sure. Remember to put this power bank in your suitcase.  
W: Got it. I'll need it to charge my phone. I'll take my earphones, too.  
M: What time does your flight leave?  
W: Not until four o'clock this afternoon. I still have plenty of time.  
Q: What is the woman probably doing now?  
A. Fixing her shoes. B. Making a list. C. Packing luggage. D. Organizing a trip.

(D) 8. (7/2, 3)

W: Is there much crime in the area around your bakery?  
M: Yes. That's why I installed strong locks recently on all the doors and windows of my bakery.  
W: Did you install a burglar alarm?  
M: Yes, I did recently. If anyone tries to break in during the night, they'll trigger the alarm.  
W: That should help keep thieves away and even avoid any financial loss.  
M: Exactly! That's my goal.  
Q: Why has the man made changes recently to his bakery?  
A. To increase profits. B. To keep in shape. C. To reduce costs. D. To make it secure.

#### IV. Long Conversation and Talk 長篇聽解 – 36% (每題 9 分)

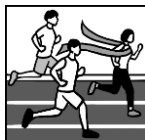
Listen to the following information and take notes on the form. Then, you will hear four questions. Use your notes to answer the questions. (Your notes won't count towards your score.)

Year	Event description
1886	_____ discovered the existence of radio waves.
1901	Radio waves were used to broadcast _____ with _____ and later developed radio for broadcasting _____ and _____.
1994	_____ developed a new _____ communication system that enabled cellphones and other devices to communicate with each other.
_____	_____ named the new system "_____, " inspired by a famous European king's _____.

Nowadays, many electronic devices can communicate with one another without using wires. Bluetooth is a technology that enables devices to do this. Bluetooth uses radio waves to send signals between devices. Thus, the history of Bluetooth begins with the discovery of radio waves. In 1886, a German scientist named Heinrich Hertz discovered the existence of radio waves in his laboratory. After that, other scientists began experimenting with radio waves. In 1901, one scientist used radio waves to broadcast the results of a boat race using coded signals. Not long afterwards, another scientist used patience and determination to discover a way to use radio waves to broadcast human voices and music. Soon, companies were manufacturing radios, and consumers were using them to listen to radio stations, which have their birthplace in the U.S. Eight decades later, a scientist named Jaap Haartsen developed a new communications system that used radio waves. With this system, cellphones and other devices could communicate with one another. In 1996, another scientist named Jim Kardach came up with a name for the system. At the time, he was reading about a famous European king, whose nickname was Bluetooth. Kardach decided that Bluetooth was a good name for the new communications system, and the name is still used today. (7/2, 3, 4, 5)

- (B) 9. What is the talk mainly about?  
A. A new music style. B. A way to connect. C. An amazing king. D. An exciting race.
- (C) 10. As of 2025, how long has the new system carried this name?  
A. 10 years. B. 16 years. C. 29 years. D. 37 years.
- (A) 11. What does the speaker mainly explain about the scientists?  
A. Their contributions. B. Their families. C. Their debates. D. Their fortunes.
- (B) 12. Which of the following events used radio waves to broadcast its results in 1901?

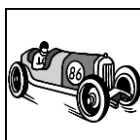
A.



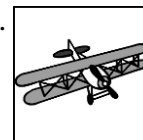
B.



C.



D.



## Reading Section

### I. Vocabulary 詞彙 – 35% (每題 7 分)

Choose the word or phrase that best completes the sentence.

- (A) 1. Kevin's grandfather is recovering well from the surgery he \_\_\_\_\_ last Monday. (7/2, 3)  
A. underwent B. misplaced C. expressed D. overtook
- (C) 2. The teacher's anger was \_\_\_\_\_ by the bad behavior of two students this morning. (7/2, 3)  
A. notified B. yawned C. triggered D. licensed
- (B) 3. My mother gave me her \_\_\_\_\_ to invest some of her money in the stock market. (7/2, 3)  
A. tissue B. consent C. spark D. border
- (D) 4. I think that the Japanese restaurant is the best place in the city to enjoy fine \_\_\_\_\_. (7/4, 5)  
A. default B. section C. penalty D. cuisine
- (C) 5. The \_\_\_\_\_ in this file are my medical records from the years 2020 to 2024. (7/4, 5)  
A. jealousies B. suitcases C. documents D. landmarks

### II. Cloze Test 綜合測驗 – 30% (每題 6 分)

Read the passage and fill in each blank with the correct word or phrase.

When German immigrants arrived in America in the 1840s, they brought their knowledge of sausage-making along. Before long, they were producing German sausages and selling them from street 6 in New York City. Each sausage was served on a small bun. Three decades later, Charles Feltman 7 a longer bun. Sausages served on these buns came to be known 8 hot dogs. Today, hot dogs are eaten all over the U.S. However, 9. In Chicago, for example, hot dogs are 10 with mustard, onions, green relish, tomato, a slice of sour pickle and pepper. People in Texas, in contrast, want their hot dogs served with spicy meat sauce and onions. (7/1)

- (D) 6. A. gulfs B. fleas C. loans D. carts
- (B) 7. A. resigned B. invented C. shrugged D. offended
- (D) 8. A. of B. to C. with D. as
- (C) 9. A. the majority of them are longer B. they became more expensive  
C. the ingredients vary from place to place D. they are gradually fading away
- (A) 10. A. loaded B. trained C. paused D. alerted

### III. Reading Comprehension 閱讀理解 – 25%

Read the paragraph. Then answer the questions.

Dear Robert,

I'm so glad you're going to visit Philadelphia during the week of July 4! Since I know the city well, I'm happy to suggest some great things to see and do there.

Philadelphia has many sights connected with American history. If you're interested in that, then Independence Hall on Walnut Street, where the Declaration of Independence was signed, is a must-visit. Guided tours provide an opportunity to stand in the very room where history was made.

To experience Philadelphia as it was long ago, take a walk down Elfreth's Alley near Quarry Street. It's one of the oldest residential streets in the United States. Then visit the Museum of the American Revolution to learn more about the nation's struggle for freedom.

Another popular attraction is Christ Church Burial Ground near Arch Street. Among the many people buried there are Benjamin Franklin and Dr. Benjamin Rush, two of America's founding fathers. Tablets on the ground show exactly where they're buried.

Another must-see is the Rocky statue. It's located between Kelly Drive and the Philadelphia Museum of Art. The statue portrays the central character in the Rocky films, a real-life boxer named Rocky, who lived in Philadelphia. Have someone take a picture of you in front of the statue.

One of the summer highlights in Philadelphia is the annual Wawa Welcome America Festival. This event features live music, cultural performances and food vendors, all leading up to a grand fireworks display over the Philadelphia Museum of Art on July 4. There will be lots of people there. So be sure to get to the area around the museum by the middle of the afternoon. If you don't, you may have difficulty finding a comfortable spot from which to view the fireworks.

If you prefer a quieter evening, you can head to Schuylkill Banks. It's a beautiful waterfront district where you can spread out a blanket and have a picnic as you watch fireworks erupt over the river.

Have a great time in Philadelphia. It's an amazing city!

Regards,  
Patricia (7/4, 5)

(C) 11. According to Patricia's email, what can Robert enjoy in Philadelphia? (8 分)

- A. An exhibit featuring plants. B. A yearly athletic competition.  
C. A dramatic show in the sky. D. A craft workshop for visitors.

12. Write out the must-see attraction located near Kelly Drive. (8 分)

Ans: the Rocky statue

(B) 13. Read Robert's email to his parents. Which place will he visit this afternoon? (9 分)

I know that Philadelphia has a harbor. Since I'm interested in ships, I'm going there this morning. In the afternoon, I'm going to visit some historic graves sites. They'll be interesting to see. In the evening, I'm going to a famous festival and will enjoy the fireworks display.

- A. The river bank. B. The burial ground. C. The famous festival. D. The art museum.

### IV. Translation 翻譯 – 10%

14. 只要我們不錯過校車，我們就能準時到學校。(As...) (7/4, 5) (5 分)

As long as we don't miss the school bus, we'll get to school on time.

15. 如果你沒有指出我的錯誤，我可能永遠也看不出來。(... might...) (7/4, 5) (5 分)

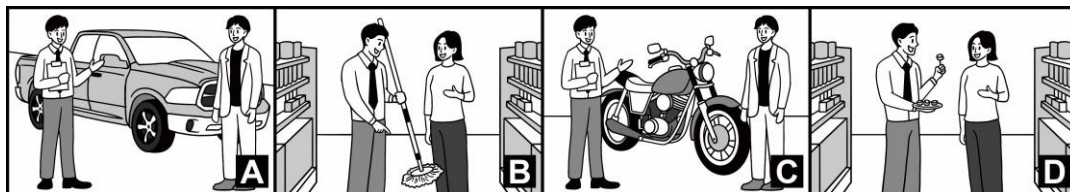
If you hadn't pointed out my mistakes, I might never have seen them.

## Listening Section

### I. Pictures 看圖辨義 – 16% (每題 8 分)

Please look at the four pictures and listen to the following information. Then choose the picture that correctly answers the question.

For question 1, please look at the four pictures.



(A) 1. (7/7, 8)

M: Here's one of our most popular economy trucks. On average, it gets thirty miles to a gallon of gas. Thus, it's much more economical to drive than other trucks. In addition, it has lots of cargo space, comfortable seats and a powerful engine. I can definitely give you a great deal on this particular model if you purchase it today.

Q: What is the speaker showing his listener?

Listen to the question. Then choose the two best answers that describe the picture.

For question 2, please look at picture 2.



(B) 2. What can we conclude about the people in this picture?  
(D) (7/7, 8)

- A. All of them are suffering from colds.
- B. Two of them are enjoying sightseeing.
- C. Each of them is wearing a heavy jacket.
- D. One of them is waiting for transportation.

### II. Best Response 最佳回應句 – 24% (每題 8 分)

Choose the best response to each question or statement.

- (B) 3. How much is the annual fee for your credit card? (7/7, 8)  
A. I need two days.      B. It's fifty dollars.      C. I have ten cards.      D. It's a monthly bill.
- (C) 4. Our children took the initiative to clean their bedrooms this morning. (7/11, 12)  
A. Was math hard?      B. Time to wake up!      C. Good for them!      D. Is there a blanket?
- (A) 5. I wonder where we can get a toner cartridge for our printer. (7/11, 12)  
A. Try buying online.      B. Press this button.      C. Just keep it a secret.      D. Two days from now.

### III. Short Conversations 簡短會話 – 24% (每題 8 分)

Listen to the conversations. Then answer the questions.

(A) 6. (7/7, 8)

W: How was your flight back from New York?

M: It was an absolute nightmare, to be honest!

W: Oh, no, really? What happened exactly?

M: Bad weather. The aircraft was bouncing up and down during most of the flight.

W: I'm really sorry to hear that. That must have been scary.

M: I was sitting near the front of the aircraft, so it wasn't quite as bad as the back, but still terrible.

Q: What is the man mainly talking about?

- A. A rough plane ride. B. A sports event. C. A boring talk show. D. A wild dream.

(D) 7. (7/9, 10)

M: This place is huge! Can it seat several thousand people?

W: Of course, and every seat is full this afternoon. So, what is the orchestra going to play?

M: Several pieces by our favorite composer!

W: That's fantastic! By the way, how much did the tickets cost you?

M: My aunt and uncle bought them, but they couldn't use them today because they got sick.

W: You mean they graciously gave them to you. Wow, it's so kind of them!

Q: Where are these people most likely?

- A. In an art gallery. B. In a train station. C. In a science lab. D. In a concert hall.

(C) 8. (7/11, 12)

W: Let's decide where to have our picnic. We should pick somewhere with a great view.

M: How about River Park? We've never been there.

W: I asked my friend about that park. He said it's notorious for its noisy crows.

M: If that's the case, we need to choose a different park.

W: I'll ask my friend to suggest one.

M: OK. I'm looking forward to a peaceful place to relax.

Q: What causes the man and woman to change the picnic location?

- A. Burning weather. B. The high charges. C. Annoying birds. D. The large crowd.

#### IV. Long Conversation and Talk 長篇聽解 – 36% (每題 9 分)

Listen to the following information and take notes on the form. Then, you will hear four questions. Use your notes to answer the questions. (Your notes won't count towards your score.)

Types of Cameras	<b>①</b> West wall cameras: Early film cameras, _____ years old. <b>②</b> North wall cameras: _____ from the _____. <b>③</b> East wall cameras: Early _____ from the 1980s.		
Source of Purchase	Most cameras were bought at outdoor _____. Some were found in _____. The rest were purchased from private sellers online.		
Functional Condition	Type <b>①</b> <input type="checkbox"/> ☺ <input type="checkbox"/> ☹	Type <b>②</b> <input type="checkbox"/> ☺ <input type="checkbox"/> ☹	Type <b>③</b> <input type="checkbox"/> ☺ <input type="checkbox"/> ☹
Repairing Cameras	Some cameras didn't work when bought, but they were _____, and the man _____ them now.		

M: This is my favorite room in my home. It's where I unwind after a busy day.

W: Wow! Look at all the awesome cameras!

M: I've arranged them on shelves so that they're easy to look at.

W: They're different from the cameras I've seen before.

M: That's because they're very rare.

W: Where did you get them?

M: I bought the majority of them at outdoor flea markets. I found some in second-hand shops. I bought the rest from private sellers online.

W: Tell me more about them.

M: The cameras on the west wall are early film cameras. They're between 80 and 100 years old. They may look obsolete, but they actually work very well.

W: Do you mean you can still take photos with them?

M: Yes.

W: That's remarkable.

M: The cameras on the north wall are instant cameras. They date from the 1970s.



W: And they also work really well?

M: Yes, I've made sure of that. The cameras on the east wall are early digital cameras. They were produced in the 1980s. Like my other cameras, these early digital models work great.

W: Did they all work well when you bought them?

M: No. Fortunately, those that didn't were repairable. So, I was able to fix them.

W: That's quite a skill! (7/7, 8, 11, 12)

(D) 9. What does this conversation tell us about the man?

- A. He is a journalist. B. He earns a lot. C. He sells cameras. D. He has a hobby.

(C) 10. What do we learn from the conversation?

- A. A camera shop is mentioned. B. The man was born in the 1970s.  
C. The man can repair items. D. A few new cameras are displayed.

(B) 11. According to the man, what is true about his cameras?

- A. They are handmade. B. They are unique. C. They are brand new. D. They hardly work.

(C) 12. Look at the images below. Which one shows where the man bought the majority of his cameras?



## Reading Section

### I. Vocabulary 詞彙 – 35% (每題 7 分)

Choose the word or phrase that best completes the sentence.

(B) 1. I \_\_\_\_\_ buying this refrigerator because it takes up more space than I expected. (7/7, 8)

- A. injure B. regret C. boom D. meter

(C) 2. My first day on the job was a \_\_\_\_\_ due to all of the mistakes that I made. (7/7, 8)

- A. feedback B. meadow C. nightmare D. hesitation

(A) 3. The chemical factory has been a source of \_\_\_\_\_ ever since the pollution incident. (7/11, 12)

- A. controversy B. greenhouse C. bridegroom D. sightseeing

(D) 4. The restaurant is \_\_\_\_\_ for its long wait times, but the food is delicious. (7/11, 12)

- A. fascinated B. defensive C. additional D. notorious

(C) 5. Thank you for taking the \_\_\_\_\_ to remind us about the meeting on Friday. (7/11, 12)

- A. bandage B. violation C. initiative D. accuracy

### II. Cloze Test 綜合測驗 – 30% (每題 6 分)

Read the passage and fill in each blank with the correct word or phrase.

Criticism that you receive from another person may feel like a personal attack. Instead of lashing out at that person, you 6. First, take a deep breath and set your emotions aside. By remaining calm, you can 7 on understanding the criticism with the purpose of learning from it. Second, rephrase the criticism in your own words. Doing so will give the other person a 8 to reconsider or clarify their words. In addition, it can help to 9 misunderstandings while allowing the other person to feel heard and understood. Third, express gratitude to the other person for paying 10 to your work and noting areas that need improvement. Thank the other person for sharing their insights with you. (7/9, 10)

(D) 6. A. must come up with a theory for it

B. could find a brutal weapon to use

C. just need to wait for it to go away

D. should follow a few helpful steps

- |         |            |              |              |             |
|---------|------------|--------------|--------------|-------------|
| (A) 7.  | A. focus   | B. recall    | C. wake      | D. order    |
| (B) 8.  | A. motion  | B. chance    | C. forecast  | D. quarrel  |
| (A) 9.  | A. prevent | B. journey   | C. divorce   | D. catalog  |
| (C) 10. | A. summary | B. tolerance | C. attention | D. material |

### III. Reading Comprehension 閱讀理解 – 25%

Read the paragraph. Then answer the questions.

Planned obsolescence has long been an issue in the electronics industry. For years, companies have been designing and manufacturing electronic products that are meant to last only a few years and be difficult or impossible to repair. In this way, companies make people and businesses replace their old electronics with new ones on purpose.

This trend has resulted in a growing mountain of electronic waste (e-waste), consisting of used, abandoned electronic products. Small electronic equipment makes up about one-third of all e-waste, while large electronic equipment makes up about one-quarter of it. One-fifth of all e-waste consists of temperature exchange equipment, which is mainly used to heat or cool buildings of all sizes. In comparison, screens and monitors of all kinds make up a smaller percentage of e-waste, followed by telecommunications equipment and, finally, lamps, which make up less than 2 percent of all e-waste.

To help address this problem, many cities have set up recycling centers where consumers and businesses can drop off electronics they no longer need. Unfortunately, these recycling centers have certain disadvantages that prevent consumers and businesses from taking full advantage of them. First, they generally don't pay consumers or businesses any money for their discarded electronics. Second, they tend to be in locations that aren't convenient to access. Third, they are often seen as a security risk. Many people are reluctant to drop off their old cellphones because they fear the personal data in the phones could be stolen. Many businesses are reluctant to drop off their old computers for the same reason.

For these and other reasons, less than 25 percent of all electronic waste is recycled. The rest of it is thrown in the trash and taken away by garbage trucks to dumps.

The companies that make electronic products can help solve this problem by producing goods that last longer and are easier to repair. Consumers can help by using their phones and other electronics longer before replacing them. In these ways, companies and consumers can work together to reduce the e-waste that is produced every year. (7/11, 12)

- (B) 11. What does this article explain about manufacturers in the electronics industry? (8 分)  
A. An old regulation.    B. Their new strategy.    C. A protest movement.    D. Their sales target.

12. How much of the electronic waste is usually taken to dumps? (8 分)

Ans: **more than 75% (of it)**

- (C) 13. Read the pie chart showing the percentage of the six types of e-waste. Which type of e-waste does the section with a star represent? (9 分)

- A. Screens and monitors of all kinds.  
C. Temperature exchange equipment.

- B. Large electronic products.  
D. Small electronic products.



### IV. Translation 翻譯 – 10%

14. 我們在工廠安裝一個新的安全系統是必要的。(It... that...) (7/7, 8) (5 分)

**It is essential that we have a new security system installed in our factory.**

15. 你越快完成作業，就越快能看電視。(The quicker...) (7/9, 10) (5 分)

**The quicker you finish your homework, the sooner you'll be able to watch TV.**

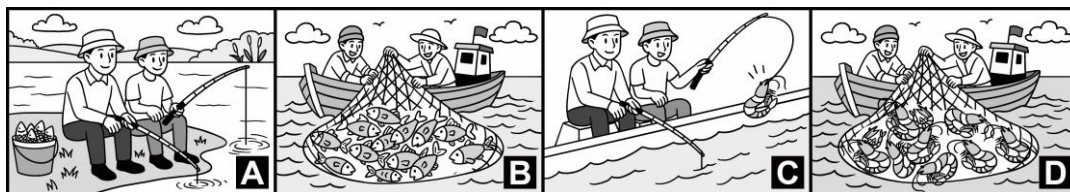


## Listening Section

### I. Pictures 看圖辨義 – 16% (每題 8 分)

Please look at the four pictures and listen to the following information. Then choose the picture that correctly answers the question.

For question 1, please look at the four pictures.



(D) 1. (7/14, 15, 16, 17)

W: How much shrimp do you catch each day on average?

M: I'd estimate half a ton. We never know how much we've caught until we pull our nets in.

W: Where do you store the shrimp on your vessel?

M: In large containers. It's hard work but very worthwhile.

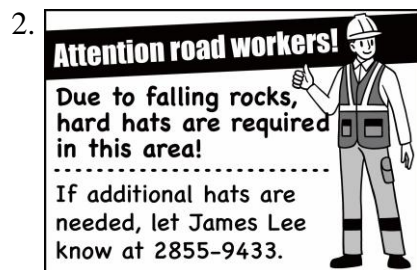
W: Good luck today. I hope your crew brings in a big catch!

M: So do I!

Q: Which picture best matches the conversation?

Listen to the question. Then choose the two best answers that describe the picture.

For question 2, please look at picture 2.



(A) 2. What can we find in this notice? (7/14, 15)

- (D) A. A person wearing normal work gear.  
B. An estimate of future clothing costs.  
C. An address for a construction firm.  
D. A rule that prevents head injuries.

### II. Best Response 最佳回應句 – 24% (每題 8 分)

Choose the best response to each question or statement.

(A) 3. Do you know who used the bottle of sunscreen I bought last week? (7/14, 15)

- A. Well, Mom did. B. Check the heater. C. Yes, I often eat out. D. It'll be cloudy.

(D) 4. I heard your brother played hooky from school again today. (7/16, 17)

- A. Will he come? B. He gets up early. C. Does he like tennis? D. He will be in trouble.

(B) 5. Why are you worried about termites invading your cabin beside the lake? (7/18, 19)

- A. I love swimming. B. They're harmful. C. It's close to a river. D. The house is tiny.

### III. Short Conversations 簡短會話 – 24% (每題 8 分)

Listen to the conversations. Then answer the questions.

(B) 6. (7/14, 15)

W: Hello. My name is Sara. Please have a seat in this chair and make yourself comfortable.

M: OK, I'll do that. It sounds simple enough.

W: Can you tell me your name and date of birth?

M: Yes. I'm Dennis Lin, and I was born on March 1, 1986.

W: Great! Which arm would you like me to draw blood from?

M: My right one.

W: OK. Pull up the shirt sleeve on your right arm. Then make a fist with your right hand.

Q: What does this woman do for a living?

- A. She is a teacher.      B. She is a nurse.      C. She is a secretary.      D. She is a dentist.

(C) 7. (7/14, 15)

M: What are you working on?

W: Another science fiction book. This time the story is set in the year 2085. I've nearly finished writing it.

M: Are the characters the same as those in your previous books?

W: Yes. In this one, they face a powerful solar event, the radiation from which could destroy everything.

M: Sounds cool! When can I get a copy?

W: Not until it is published later this year.

Q: What do we learn about the woman?

- A. She teaches math.      B. She studies planets.      C. She writes stories.      D. She makes films.

(C) 8. (7/18, 19)

W: I love this natural history museum. I'm learning so much!

M: After looking at everything on this floor, let's go up to the third floor.

W: What's up there? Is there an exhibit on amphibians?

M: Yes, we can also watch a short film on common amphibians there. It discusses their life cycles.

W: I guess you've seen the film before.

M: Yes, I have. In addition to the film, you can enjoy a range of hands-on experiences.

Q: What can these people learn about on the third floor?

- A. Doves.      B. Giraffes.      C. Frogs.      D. Wolves.

#### IV. Long Conversation and Talk 長篇聽解 – 36% (每題 9 分)

Listen to the following information and take notes on the form. Then, you will hear four questions. Use your notes to answer the questions. (Your notes won't count towards your score.)

##### Steps & Actions

- ① Purchase a glass tank, \_\_\_\_\_, small rocks, live plants, decorations and an electric water heater
- ② Place the tank on a table near an electrical \_\_\_\_\_; fill it with \_\_\_\_\_ inches of water
- ③ \_\_\_\_\_ the filter in the tank
- ④ Cover the bottom of the tank with a \_\_\_\_\_-inch layer of \_\_\_\_\_
- ⑤ Arrange the \_\_\_\_\_ and \_\_\_\_\_ inside the tank; finish filling the tank with \_\_\_\_\_
- ⑥ \_\_\_\_\_ the heater in the tank, below the \_\_\_\_\_. Set the heater to around \_\_\_\_\_ degrees
- ⑦ \_\_\_\_\_ in the heater and filter, and turn them on; let the tank run for \_\_\_\_\_ weeks
- ⑧ When the environment in the tank becomes stable, buy fish and introduce them into the tank.

M: I'm intrigued by your tank. Are those guppies swimming around in it?

W: Yes, Henry. Taking care of them is fun. Do you want to set up a tank in your home?

M: Yes. What steps are involved?

W: First, you need to buy a glass tank, an electric water filter, small rocks, live plants, decorations and an electric water heater.

M: What's next?

W: Put the tank on a table near an electrical socket. Fill the tank with two inches of water. Next, install the filter in the tank to clean the water. After that, cover the bottom of the tank with a layer of rocks.

M: How thick should the layer be?

W: Three inches. Next, fill the tank with water after arranging the plants and decorations inside.

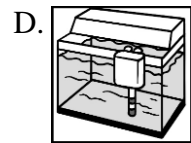
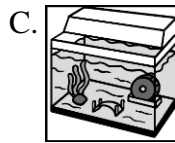
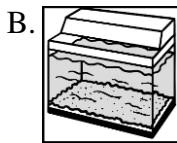
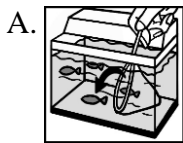
M: What about the heater?

W: That comes next. Install it in the tank below the water level.

M: Do I need to set the heater temperature?

W: Yes, to around 25 degrees. Don't neglect that. Then, plug in the heater and filter, and turn them on.  
M: Can I add guppies immediately?  
W: No, it would be harmful to them. Let the tank run for two weeks before putting the fish into the tank.  
M: Thanks for the very clear explanation! (7/14, 15, 16, 17, 18, 19)

- (D) 9. How does Henry begin this conversation with the woman?  
A. By praising her terrific teaching ability. B. By questioning the value of her hobby.  
C. By noting an issue with one of her pets. D. By expressing interest in her aquarium.
- (C) 10. According to the woman, what will the filter and heater require?  
A. Some repairs. B. Careful cleaning. C. A power source. D. Individual boxes.
- (A) 11. What kinds of decorations is the woman probably talking about?  
A. Toy lighthouses. B. Fresh flowers. C. Old pictures. D. Large chairs.
- (D) 12. Which of the four steps comes first in setting up a tank?



## Reading Section

### I. Vocabulary 詞彙 – 35% (每題 7 分)

Choose the word or phrase that best completes the sentence.

- (A) 1. There is a big hole in the left \_\_\_\_\_ of the wrap coat that I bought last month. (7/14, 15)  
A. sleeve B. palace C. failure D. reptile
- (B) 2. City officials \_\_\_\_\_ that the necessary road repairs would cost about two million dollars. (7/14, 15)  
A. blamed B. estimated C. wiggled D. replaced
- (A) 3. He \_\_\_\_\_ something about needing to buy something, but I couldn't hear him clearly. (7/16, 17)  
A. mumbled B. sweated C. fascinated D. lightened
- (D) 4. The lawyers provided their client with excellent \_\_\_\_\_ before the start of the trial. (7/16, 17)  
A. hook B. flavor C. import D. counsel
- (C) 5. The old man slowly \_\_\_\_\_ his keys from the left pocket of his pants. (7/18, 19)  
A. glimpsed B. intrigued C. extracted D. marched

### II. Discourse Structure 篇章結構 – 28% (每題 7 分)

Read the passage and fill in each blank with the correct sentence

There are more than 200 known kinds of cancer. Non melanoma skin cancer is the most common type. 6 This can be accomplished by adopting a few healthy habits and making smart choices. The result can be a reduced risk of developing skin cancer. One smart choice is to limit your exposure to ultraviolet (UV) rays. 7 Thus, it's best to stay indoors during this period. If you have to be in the sun, wear protective clothing to cover your arms, a hat that keeps the sun out of your eyes and sunglasses that block UV radiation. Another important step is to wear sunscreen that has a sun protection factor (SPF) of at least 30. 8 It's easily purchased in stores and can protect you against both kinds of UV rays that cause damage. It's also important to check your skin once a month. Search in particular for spots, moles or growths. 9 This could be a sign of cancer. By doing these things, you can protect your skin and reduce your risk of skin cancer. (7/14, 15)

- A. If you find any and observe changes in their size, shape or color, consult a skin doctor.  
B. Fortunately, it's easier to prevent than many others are.  
C. If you experience these common side effects of skin creams, stop using such products immediately.  
D. Apply some to exposed skin every two hours even when it's cloudy outside.  
E. These are strongest from 10:00 a.m. to 4:00 p.m.

Ans: 

6. B	7. E	8. D	9. A
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### III. Reading Comprehension 閱讀理解 – 27%

Read the paragraph. Then answer the questions.

Earth's continents and oceans host an immense number of animal species. Among the most interesting ones are lizards, which vary greatly in size, weight and ability.

Komodo dragons, which weigh around 70 kilograms when fully-grown, are the world's heaviest lizards. They are also among the world's most dangerous.

Baby Komodo dragons hatch from eggs. At birth, they weigh only about 100 grams and are about 40 centimeters in length. To avoid being eaten by predators, including their own parents, they must take refuge in trees. For the first few years, their food consists of insects, small lizards, snakes and birds. By the time they're five years old, they've reached a weight of about 55 kilograms and a length of about 2 meters. At this point, they spend their days on land, and they also need larger prey for food to grow.

With no known predators, adult Komodo dragons are top dog on the five Indonesian islands where they live. Their venomous bite is so toxic that it causes shock and prevents their prey's blood from thickening. Consequently, their prey bleeds out through their wounds. Another advantage of Komodo dragons is their ability to reach 20 kilometers per hour while pursuing prey.

Also native to Indonesia are crocodile monitor lizards. At birth, crocodile monitors are similar to Komodo dragons in weight and length. Adult crocodile monitors weigh less than adult Komodo dragons but can grow even longer than them. Like Komodo dragons, they are venomous and can reach nearly 20 kilometers per hour when they are tracking down prey.

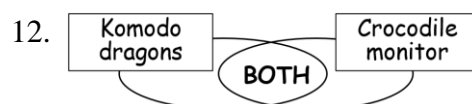
Unlike Komodo dragons, adult crocodile monitors spend most of their time in trees. They feed on small mammals, birds and eggs. However, they are also said to come down from trees to hunt deer and pigs. Because they live in trees, crocodile monitors are under threat wherever forests are being cut down. They are also killed by people for their skins, which are used to make drums. (7/18, 19)

- (A) 10. Which aspect of Komodo dragons and crocodile monitors does the article NOT compare? (9分)  
A. Global distribution.    B. Food source.    C. Behavior patterns.    D. Physical features.

11. How many times heavier is an adult Komodo dragon compared to its birth weight? (9分)

Ans: (about) 700 (times heavier)

- (B) 12. Look at the following diagram. According to the article, what can be put in "BOTH"? (9分)  
A. Following a vegetarian diet.    B. Hunting at great speed.  
C. Dying out very soon.    D. Living in the water.



### IV. Translation 翻譯 – 10%

13. 如果頭痛變得劇烈，請立即就醫。(If...) (7/14, 15) (5分)

If a headache becomes severe, seek medical attention immediately.

14. 以聰明而聞名，海豚能夠理解複雜的命令。(Known...) (7/18, 19) (5分)

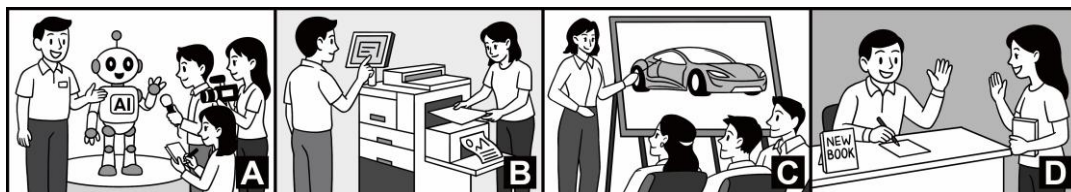
Known for being smart, dolphins can understand complex commands.

## Listening Section

### I. Pictures 看圖辨義 – 16% (每題 8 分)

Please look at the four pictures and listen to the following information. Then choose the picture that correctly answers the question.

For question 1, please look at the four pictures.



(B) 1. (7/30, 31)

W: Please gather around me, everyone. I'm now going to show you our printing plant. This is the heart of our company's publishing operation. The employees behind me are operating a digital printer that incorporates the latest printing technology. Thanks to their skills, our company is able to publish beautiful books in a remarkably short time.

Q: What is the speaker introducing to her listeners?

Listen to the question. Then choose the two best answers that describe the picture.

For question 2, please look at picture 2.



(A) 2. What does this picture show? (7/21, 22, 28, 29)

- (C) A. An individual playing golf.  
B. People cheering for a band.  
C. Some trees that are blooming.  
D. The most popular indoor sports.

### II. Best Response 最佳回應句 – 24% (每題 8 分)

Choose the best response to each question or statement.

(C) 3. How soon will you finish sewing all the costumes for the actors? (7/21, 22)

- A. I wear a medium. B. About nine inches. C. By this weekend. D. It's August 10th.

(B) 4. The retail businesses in this shopping mall seem to be doing well. (7/25, 26)

- A. Need to breathe. B. Could be seasonal. C. I'm low on cash. D. Let's make it count.

(D) 5. Do you know how often Grandma waters the cacti in her pots? (7/28, 29)

- A. About 20 dollars. B. In July, I guess. C. No, it's ten sharp. D. Yes, once a month.

### III. Short Conversations 簡短會話 – 24% (每題 8 分)

Listen to the conversations. Then answer the questions.

(D) 6. (7/21, 22)

W: Your father seems to have lost some weight.

M: Yes, he has. The main reason is that he's cutting back on junk food.

W: Good for him! But did he eat a lot before?

M: Yes, he ate fast food for lunch every day. Sometimes he also ate it for dinner.

W: Wow, that sounds like a lot! It's great that he's making healthier choices now.

M: He's definitely feeling better. His change in diet has really benefited his health.

Q: What does the man share with the woman?

- A. His dad's work. B. His dad's journey. C. His dad's hobby. D. His dad's diet.

(A) 7. (7/25, 26)

M: Hi, you're Ann, right? It's been a long time! What brings you to Ho Chi Minh City?

W: My country has an embassy here. I'm working in the economic section of the embassy now.

M: Oh! What are your responsibilities?

W: I mainly handle trade relations and help organize business meetings between companies.

M: Oh, sounds like you're quite involved in trade. Have you seen any growth in trade lately?

W: Yes, especially with the rise in private consumption here in Vietnam.

Q: Who is the man talking to?

- A. A diplomat. B. A journalist. C. A hairdresser. D. A physician.

(B) 8. (7/30, 31)

W: Do we really need to be here at the studio today?

M: Yes. We need to make sure the new audio recording gear is set up properly.

W: How long will this take?

M: About two hours. The studio has just been equipped with new gear, and everything is top of the line.

W: That's true. So, are we going to learn some new skills?

M: Yes, from a professional audio engineer. Hey, remember to take notes.

Q: What are these people going to attend?

- A. A sales conference. B. A training session. C. A wrap-up party. D. A talk show.

#### IV. Long Conversation and Talk 長篇聽解 – 36% (每題 9 分)

Listen to the following information and take notes on the form. Then, you will hear four questions. Use your notes to answer the questions. (Your notes won't count towards your score.)

Source of Methane	Explanation
Natural Sources	Oceans
Human Activities	_____ farming, _____ use, _____
Cattle	_____ in cattle's stomachs produce methane as they _____ food, and cattle release methane through their _____.
Current Status of Solutions (under development)	1. Feed cattle food products made from _____ to help with digestion and reduce methane. 2. Inject cattle with _____ to destroy methane-producing bacteria.

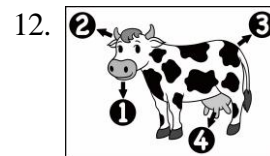
A gas called methane is one of the main causes of climate change. Some of the methane in Earth's atmosphere comes from natural sources like oceans. The rest of the methane is produced by human activities. These include rice farming and fossil fuel use. Garbage dumps also produce methane. Another source is cattle. When cattle eat food, bacteria in their stomachs breaks it down. During this process, a particular kind of bacteria produces methane. Cattle release most of the methane into the air through their mouths. Today, many scientists and cattle farmers have resolved to find a solution to the methane problem. So far, they've found two main ways to reduce methane emissions from cattle. The first way is to feed cattle food products made from ocean plants. These help cattle digest their food in a way that reduces the amount of methane gas they produce. The second way is to inject cattle with drugs. These particular drugs destroy the stomach bacteria that produce methane, thus reducing the amount of methane that cattle produce. Both of these approaches are in the development stage. Someday, they may help reduce global methane emissions and, in so doing, slow down climate change. (7/25, 26)

(A) 9. What does the speaker explain about cattle in this talk?

- A. How they impact the environment. B. How they interact with each other.  
C. How they were bred centuries ago. D. How they're protected from pests.



- (C) 10. What is NOT an activity or source that produces methane?  
A. Crop farming. B. Driving a car. C. Tree planting. D. Animal raising.
- (D) 11. What are scientists trying to do to make cattle produce less methane?  
A. Improve air quality. B. Help them exercise. C. Reduce their food. D. Change their diet.
- (A) 12. Through which part of their body do cattle release most of the methane into the air?  
A. ❶. B. ❷. C. ❸. D. ❹.



## Reading Section

### I. Vocabulary 詞彙 – 35% (每題 7 分)

Choose the word or phrase that best completes the sentence.

- (C) 1. We've decided to \_\_\_\_\_ the music festival in several travel magazines. (7/21, 22)  
A. tremble B. bloom C. advertise D. cushion
- (D) 2. The factory owner asked the workers to load \_\_\_\_\_ of salt onto the truck carefully. (7/28, 29)  
A. emissions B. struggles C. voyages D. barrels
- (B) 3. The long, thin \_\_\_\_\_ of the lilies were bending under the weight of the flowers. (7/28, 29)  
A. tailors B. stems C. costumes D. pardons
- (A) 4. The new science teacher tries hard to \_\_\_\_\_ curiosity among her students. (7/30, 31)  
A. foster B. resign C. strand D. glance
- (B) 5. The researchers' efforts to find a cure for the disease are \_\_\_\_\_ of praise. (7/30, 31)  
A. extinct B. worthy C. central D. hoarse

### II. Passage Completion 文意選填 – 30% (每題 3 分)

Read the passage and fill in each blank with the correct word or phrase.

At the age of 34, Amelia Earhart was already a famous pilot. She had broken the 6 for the highest flight by a female pilot. She had also become the first woman to fly across that Atlantic Ocean as a 7. In 1932, she went beyond that achievement when she flew her first 8 transatlantic flight. Several years later, she set out on an even more ambitious 9. Her aim was to fly around the Earth at the 10. She divided the trip into several 11. The last one 12 flying 7,000 miles across the Pacific Ocean with no place to land. She 13 for this part of the trip shortly after midnight on July 2, 1937. While flying, she was in 14 contact with a coast guard ship. However, around eight hours after takeoff, her 15 with the coast guard ceased. Despite searching for her, neither Earhart nor her plane was ever found. She was then presumed dead. (7/23, 24)

- A. radio B. journey C. communications D. equator E. involved  
F. solo G. sections H. passenger I. record J. took off

Ans: 

6. I	7. H	8. F	9. B	10. D	11. G	12. E	13. J	14. A	15. C
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### III. Reading Comprehension 閱讀理解 – 25%

Read the paragraph. Then answer the questions.

Cacti are not the only living things that can handle extreme desert environments. Camels can, too. This is because camels can release heat from their bodies during intensely hot desert days and retain body heat during cold, desert nights. Their bodies also save water, so they can go for long periods of time between drinks in dry deserts.

Since ancient times, camels have provided humans with meat and a means of transportation. Another resource that people have obtained from camels is milk. Compared with cow milk, camel milk has even more iron and vitamin C. Like cow milk, camel milk also contains two kinds of fat. But camel milk has more of the fat that is healthy for people and less of the fat that is not. For some people, camel milk is also safer to drink. Because of a protein in cow milk, these people become constipated or have difficulty breathing after drinking it. Since camel milk doesn't have that protein, the vast majority of people can drink it without experiencing those issues.

Today, most of the world's camel milk is produced in just a handful of countries. One of them is Pakistan. Figures from 2022 show that Pakistan produced 944,000 tons of camel milk in that year. Only Somalia and Kenya produced larger amounts, with Kenya coming out on top. Other significant producers were Mali and Ethiopia, though their production levels were far below Pakistan's.

Currently, camels provide less than 1 percent of the world's milk, while cows provide 81 percent. Many experts believe that camels will provide much more of the world's milk in the future not only because of camel milk's health benefits but also because of climate change. As a result of climate change, the earth is getting hotter. This is not good for cows, which can't stand intense heat. In hot weather, cows need to be housed in air-conditioned buildings. Camels need no such care.

If experts are correct, it may not be long before we see supermarkets selling not just cow milk but camel milk as well. (7/28, 29)

(B) 16. According to the article, what are camels able to do? (8分)

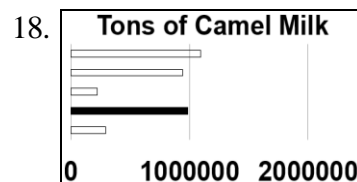
- A. Sleep quietly for hours while standing. B. Tolerate a wide range of temperatures.  
C. Move at great speeds over open ground. D. Protect their young from brutal attacks.

17. Write out the nutrients that have a higher content in camel milk compared to cow milk. (8分)

Ans: **iron; vitamin C**

(A) 18. Read the figure showing the amount of camel milk produced in 2022 in the five countries mentioned in the article. Which country does the dark bar represent? (9分)

- A. Somalia.  
B. Mali.  
C. Ethiopia.  
D. Kenya.



#### IV. Translation 翻譯 – 10%

19. 無論這看起來有多困難，都要保持積極並繼續往前進。(No matter...) (7/21, 22) (5分)

**No matter how hard it seems, stay positive and keep moving forward.**

20. 有了這樣強大的團隊，實現我們的目標並不困難。(With..., it is...) (7/25, 26) (5分)

**With such a strong team, it is not difficult to achieve our goals.**