

Mark the letter A, B, C or D on your answer sheet to indicate the word whose underlined part differs from the other three in pronunciation in each of the following questions.

- Question 1. A. clean B. disease C. mean D. nuclear
Question 2. A. run B. bullet C. bus D. sunset

Mark the letter A, B, C or D on your answer sheet to indicate the word whose stress differs from the other three.

- Question 3. A. convenient B. renewable C. available D. comfortable
Question 4. A. gather B. reduce C. provide D. affect

Mark the letter A, B, C or D on your answer sheet to indicate the correct answer to each of the following questions.

Question 5. Natural gas is limited and it is harmful _____ the environment.

- A. for B. in C. with D. to

Question 6. I'd prefer to have a _____ that can take me to another place in seconds.

- A. teleporter B. hyperloop C. bamboo-copter D. flying car

Question 7. "Should I use public transport or a bike to reduce carbon dioxide?"

"_____"

A. Of course. It helps to reduce your carbon footprint, you know.

B. Why not? It will harm the environment.

C. I won't advise you to do so.

D. How about taking your car?

Question 8. With a solar PV system, solar panels _____ sunlight right into electricity.

- A. create B. generate C. provide D. convert

Question 9. Will self-driving cars be normal _____ ten years?

- A. in B. by C. for D. to

Question 10. _____ cars emit low emissions and make the environment safer.

- A. Eco-friendly B. High-speed C. Automated D. Self-balancing

Question 11. Self-driving vehicles could make driving more _____, especially in cities.

- A. popular B. efficient C. convenient D. economical

Question 12. The festival starts with an opening _____ where people walk through the streets.

- A. party B. ritual C. feast D. parade

Read the following announcement and mark the letter A, B, C or D on your answer sheet to indicate the correct option that best fits each of the numbered blanks from 13 to 16.

ECO-FRIENDLY TIPS FOR HOME

Here are some tips to make your home more eco-friendly:

- Use (13) bags when shopping instead of plastic ones.
- (14) the lights when you leave a room to save energy.
- Reduce water waste by fixing any (15) leaks.
- Reuse old clothes and items by donating or (16) them.

Question 13. A. reusable B. old C. large D. paper

Question 14. A. Keep B. Turn off C. Take D. Leave

Question 15. A. big B. small C. water D. warm

Question 16. A. reducing B. washing C. losing D. recycling

Mark the letter A, B, C or D on your answer sheet to indicate the correct answer to each of the following questions from 17 to 18.

Question 17: Put the sentences (a-c) in the correct order, then fill in the blank to make a logical text.

I had an interesting experience during my trip to Japan last month. Everything seemed to be going well until I decided to explore the countryside. _____.

a. After a long journey, I finally reached the village, but to my surprise, everything was closed due to a local festival.

b. I was excited to see the traditional houses and beautiful landscapes.

c. The moment I left the city, I realized that I forgot my map at the hotel.

- A. c-b-a B. a-c-b C. b-a-c D. b-c-a

Question 18: Choose the sentence that can end the text (in Question 17) most appropriately.

A. Eventually, I found a small café where I could relax and enjoy the view.

B. Luckily, I was able to ask someone for directions.

- C. Although I had some problems, I managed to explore some parts of the countryside.
 D. Unfortunately, I had to return to the city without seeing anything.

Read the following passage and mark the letter A, B, C or D on your answer sheet to indicate the correct option that best fits each numbered blank from 19 to 24.

CARBON FOOTPRINTS

Everybody has a carbon footprint - it's the amount of carbon dioxide we produce with any action or activity. (19) _____ carbon dioxide contributes to 'greenhouse gases', our carbon footprints have a direct impact (20) _____ the environment. You can estimate your carbon footprint on any number of popular websites: if it's (21) _____ then you're probably leading a relatively green lifestyle. But (22) _____ happens if it's big?

Well, the answer is that you can (23) _____ it. People contribute to balancing the negative effects of their actions by using (24) _____ fuels, recycling, reforestation and a number of other activities which are said to contribute to a lowering of the carbon dioxide.

- | | | | |
|-------------------------|-------------|-------------|------------|
| Question 19. a. As | b. Although | c. However | d. Due to |
| Question 20. a. for | b. to | c. on | d. in |
| Question 21. a. small | b. large | c. free | d. fine |
| Question 22. a. when | b. what | c. why | d. how |
| Question 23. a. replace | b. reuse | c. increase | d. balance |
| Question 24. a. fossil | b. leaded | c. smoky | d. green |

Mark the letter A, B, C, or D on your answer sheet to indicate the sentence that is closest in meaning to the original sentence in each of the following questions.

Question 25. Electric cars cause no air pollution, but they still cause traffic jams.

- A. Although electric cars cause no air pollution, they still cause traffic jams.
 B. Because electric cars cause no air pollution, they don't cause traffic jams.
 C. Electric cars don't cause traffic jams although they cause no air pollution.
 D. Although electric cars cause traffic jams, they don't cause air pollution.

Question 26. It's very important for them to reduce the use of fossil fuels.

- A. They should reduce the use of fossil fuels.
 B. They must not reduce the use of fossil fuels.
 C. They shouldn't use fossil fuels at all.
 D. They might reduce the use of fossil fuels.

Read the following announcement and mark the letter A, B, C or D on your answer sheet to indicate the sentence that is made from the given cues in each of the following questions.

Question 27. Every day / we / rely / energy / provide / us / electricity, hot water, and fuel.

- A. Every day we are relied on energy to provide us electricity, hot water, and fuel.
 B. Every day energy relies on us to provide electricity, hot water, and fuel.
 C. Every day we rely on energy to provide us with electricity, hot water, and fuel.
 D. Every day we rely energy to provide us with electricity, hot water, and fuel.

Question 28. At present / inventors / constantly / work / on / improve / transportation.

- A. At present inventors are constantly working on improving transportation.
 B. At present inventors constantly work to improve transportation.
 C. Inventors at present are working constantly on transportation improve.
 D. At present inventors are constantly worked on improve transportation.

Read the following sign or notice and mark the letter A, B, C or D on your answer sheet to indicate the correct answer to each of the following questions.

Question 29. What does the sign say?



- A. There is careful construction.
 B. Construction must be carefully done in progress.
 C. You have to construct buildings with caution.
 D. Be careful because building work is happening.

Question 30. What does the notice say?

If you take this journey regularly, you can save money with our Super Weekly Saver Ticket.

- A. Cheaper tickets are available for people who travel often.
- B. You need a special type of ticket if you travel regularly.
- C. The Super Weekly Saver ticket can help all travellers to save money.
- D. The notice advises you to take this journey less often to save money.

Read the following passage and mark the letter A, B, C or D on your answer sheet to indicate the correct answer to each of the following questions from 31 to 36.

Right now, a private company is developing something called ET3. ET3 stands for Evacuated Tube Transport Technology.

The ET3 system would reportedly be able to take passengers from New York to Beijing in just two hours. Here is how it **works**. A vacuum tube goes all the way from New York to Beijing. The tube is only a few meters wide. Capsules move through the tube. Six people can sit in one capsule. The capsules use electricity instead of gasoline. For international travel, the capsules can travel at about 6,500 kilometers per hour. That is much faster than an airplane!

So how can these capsules travel so fast? The answer is that there is no air inside the tube. When airplanes fly, they have to move through the air. The air resistance slows the airplanes down. Because there is no air in the ET3 tubes, the capsules are able to move at a very high speed. Besides, the capsules are quite light. They only weigh 183 kilograms.

Of course, ET3 doesn't exist yet. Developers still have to solve a lot of problems. The biggest problem is that right now, ET3 would be far too expensive. In order to make ET3 cheaper, we will need much better technology. Maybe someday, you will be able to have lunch in New York and dinner in Beijing.

Question 31. Why is ET3 clean?

- a. It is made of a clean kind of material.
- b. It uses a cleaner kind of gasoline.
- c. It doesn't use gasoline or electricity.
- d. It uses electricity.

Question 32. The word "works" in paragraph 2 is closest in meaning to

- a. travels
- b. operates
- c. earns money
- d. succeeds

Question 33. All of the following are factors that make ET3 travel fast **EXCEPT**

- a. there is no air inside the tube
- b. the capsule is quite light
- c. traveling takes place in the air
- d. there is no air resistance during the trip

Question 34. What is a problem with ET3?

- a. It is far too expensive.
- b. We don't know how to build its capsules.
- c. It is far too loud.
- d. Most people don't want to use it.

Question 35. According to the passage, which statement is NOT true?

- a. There is no air in the ET3 tubes.
- b. Each ET3 capsule can carry up to six people.
- c. Speed in ET3 system is 6,500 km/h for international travel.
- d. ET3 can travel a little faster than an airplane.

Question 36. What can be inferred from the passage?

- a. There is still a lot to do before putting ET3 into operation.
- b. In the future, people will mainly use ET3 to travel abroad.
- c. ET3 won't be used domestically due to its high cost.
- d. ET3 will soon be cheaper.

Four phrases/ sentences have been removed from the text below. For each question, mark the letter A, B, C or D on your answer sheet to indicate the correct option that best fits each of the numbered blanks from 37 to 40.

Scientists across the country and around the world are trying to find solutions for fossil fuel problems (37) _____. Researchers at Stanford University in California have been using greener technologies (38) _____. _____ (39), which emits 50 percent less carbon dioxide into the atmosphere than coal does. Scientists at both Stanford and the University of Bath in the United Kingdom (40) _____.

- A. are trying something completely new by using carbon dioxide and sugar to make usable plastic
- B. One solution is to use more natural gas

C. to figure out a way to burn fossil fuels while lessening their impact on the environment

D. so that there is enough fuel and a healthy environment to sustain human life and activities in the future

Question 37. .

Question 38.

Question 39.

Question 40. .