

I Read the text and answer the question below.

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【出典（一部改変）：<https://www.cnn.com/>】

Choose the word which best fills ①—⑩.

- | | | | | |
|---|--------------|----------------|---------------|-------------|
| ① | A. altitude | B. net | C. weight | D. glitter |
| ② | A. takeoff | B. disassembly | C. forwarding | D. boost |
| ③ | A. triggered | B. fell | C. falling | D. recalled |
| ④ | A. quit | B. renewed | C. knew | D. took |
| ⑤ | A. way | B. what | C. very | D. into |
| ⑥ | A. moved | B. quoted | C. posed | D. charged |
| ⑦ | A. warning | B. sad | C. scary | D. green |
| ⑧ | A. staff | B. routine | C. how | D. realized |
| ⑨ | A. root | B. side | C. second | D. working |
| ⑩ | A. bet | B. finish | C. identify | D. resort |

II Read the text and answer the question below.

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【出典（一部改変）：<https://www.timeforkids.com/>】

Choose the opinion(s) from ①—④ that is (or are) in favor of phasing out gasoline cars. Write the number of the opinion(s) on the answer sheet.

①

Electric vehicles pollute the planet just as much as, if not more than, gas cars. Think of when you're charging an EV. That power is coming from a power plant, which burns fossil fuels and pollutes the planet. More electric cars just means more charging. We'd need to build more power plants. And mining for the elements needed to build EV batteries creates a ton of pollution. If automakers produce all-electric cars, they'll mine for the elements more often. The switch to EVs could destroy the planet. A lot of things are like this. It's not always black-and-white. Both electric and gasoline cars hurt the planet.

②

Our gas cars burn fossil fuels, which are limited resources. These fuels cannot be regenerated. Using them is unsustainable. But the electricity powering EVs can be generated from renewable energy sources. These include solar and wind power. Think about it: Transportation causes 21% of global carbon-dioxide emissions. That's a huge factor in climate change. Driving EVs could eliminate that. The switch needs to happen soon. Not only to protect the environment, but so we kids can have a brighter and cleaner future.

③

True, electric cars help slow climate change. But batteries also affect the environment. Throwing them away can damage an ecosystem. And the materials needed to make batteries are scarce. The lack of charging stations is an obstacle, too. There aren't enough of them. On a long-distance trip last year, my family's gas-powered car got us to our destination in eight hours. It took another family longer, because they had to stop to charge their electric car.

④

Some people think electric cars are pricey. But their prices are coming down. Some cost around \$30,000. That's cheaper than many gas-powered cars. Plus, the cost of gas can add a lot to the price of a regular car, and once you use the gas, it's gone. You can't recycle it the way you can a battery. Anyway, I think we're going to run out of gas at some point. This will make EVs a necessity. Finally, many EVs are smaller and easier to park.

III 日本語の意味に合うように、①-⑤を英単語1語で埋めなさい。

It will (①) several months for him to recover from illness.

彼が病気から回復するには、数か月かかるだろう。

The password should (②) of more than sixteen characters.

パスワードは、16を超える文字から構成されていなければならない。

(③) you hear the music, you will come to love it.

一度その音楽を聞けば、気に入るでしょう。

The book is (④) interesting nor instructive.

その本は、興味深くも有益でもない。

Discrimination on the (⑤) of race is prohibited.

人種に基づく差別は禁じられている。

IV Read the text and answer the questions below.

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【出典（一部改変）：<http://treehugger.com/>】

1. Choose the word or phrase from A—D which is closest in meaning to ①—⑤.

- | | | | |
|----------------|--------------|-------------|----------------|
| ① A. joy | B. laughter | C. fears | D. screams |
| ② A. important | B. chaos | C. brutal | D. strange |
| ③ A. perfect | B. not ideal | C. joyous | D. confused |
| ④ A. intervals | B. corners | C. orders | D. punctuation |
| ⑤ A. ignore | B. recognize | C. interact | D. interfere |

2. Choose the best answer for each question.

- (1) Where was the research conducted?
- A. in North America
 - B. in Asia
 - C. in the Middle East
 - D. in Africa
- (2) To what sound does the writer compare the sound of plants?
- A. a jet engine
 - B. dogs barking
 - C. someone using a mechanical device to compose a letter
 - D. rain falling in a forest
- (3) What is one reason scientists found that plants begin making noise?
- A. lack of water
 - B. to scare away animals
 - C. to attract mates
 - D. gossip
- (4) How did scientists distinguish between the sounds that plants make?
- A. They used a computer program.
 - B. They hired an interpreter.
 - C. They bought a dictionary.
 - D. They used insects.

- (5) What is the next step in the scientists' research?
- A. to breed talking plants
 - B. to increase water supplies
 - C. to gauge other organisms' reactions to auditory stimulation
 - D. to investigate the "language" of potato plants