

1. 次の問い（問1～問5）において、それぞれ下の①～⑥の語句を並べ替えて空所を補い、最も適当な文を完成させよ。解答は、 ～  に入れるものの番号のみを解答欄に記入しなさい。

問1  ・

A: I saw you enter your boss's office this morning. What did he say to you? You look so happy.

B: He told me that I \_\_\_\_\_  \_\_\_\_\_  \_\_\_\_\_ office in Kashiwa City next year. It's very good news because I've just moved there.

① branch ② to ③ would ④ transferred ⑤ the ⑥ be

問2  ・

A: Our company doesn't allow the employees to dye their hair. Can you believe it?

B: No, I can't. But it is one of the rules of our company, and rules are \_\_\_\_\_  \_\_\_\_\_  \_\_\_\_\_ seem.

① no ② how ③ rules ④ matter ⑤ unreasonable ⑥ they

問3  ・

A: Do you know Lucy Maud Montgomery?

B: Yes, I do. She wrote a lot of books, but her most popular book is *Anne of Green Gables*. It has been translated into many languages and \_\_\_\_\_  \_\_\_\_\_  \_\_\_\_\_ the book have been sold. It is one of the best-selling books in the world.

① copies ② more ③ million ④ than ⑤ 50 ⑥ of

問 4  ・

A: Why do you think the Godzilla movies continue to be so popular?

B: One reason is because of the strong  .

- ① has ② character ③ value ④ the ⑤ Godzilla ⑥ entertainment

問 5  ・

A: Did you know that Ken quit the basketball club?

B: I'm sure the coach was very sorry to hear that. Recognizing Ken's talent, he often put Ken through hard training. I believe Ken would not have   coach's expectations.

- ① known ② left ③ if ④ his ⑤ had ⑥ he

2. 次の問い（問 6～問 10）の会話の  ～  に入れるのに最も適当なものを、それぞれの問いの①～④のうちから一つ選び、解答欄に記入しなさい。

問 6

A: Hey, take a look. This cafe has paper straws for iced tea.

B: Good. Let's . It's nice to know that some cafés understand the environmental problems plastic straws are causing.

A: Yeah, I like the idea.

- ① leave here and try another café  
② not drink anything in this café anymore  
③ each try one and see how well they work  
④ try not to waste our money on coffee

問 7

A: I heard your team participated in the Kashiwa Dancing Festival this summer.

B: Yeah, we practiced a lot. The competition was tough, but .

A: Really? I'm happy to hear it.

- ① I had a fever and couldn't join my university team on that day
- ② it rained a lot although it started to clear towards the end
- ③ our university team won first prize for the first time
- ④ I missed the most exciting moment because of heavy traffic

問 8

A: Did you know that someone saw a wild bear on the trail near our town yesterday?

B: Really? We need to be cautious and protect ourselves. Let's make sure that we .

A: Good idea. Let's be careful.

- ① carry some food so that we can feed them when we see them
- ② run as fast as possible so that we can catch up with the bears
- ③ walk on the trail and enjoy taking photos with the bears
- ④ do not go out alone and constantly make noises to keep them away

問 9

A: I like that this restaurant has autonomous robots serving customers! They are always friendly and seem to work tirelessly.

B: You know, they also play welcoming melodies and offer kind greetings as well.

A: I'm impressed that they .

- ① can look for some food, drinks, and dessert
- ② can carry out tasks perfectly well and entertain us while doing it
- ③ can hurry customers away when the restaurant is crowded
- ④ can help customers park their cars

問 10

A: Can you explain why so many kinds of birds stay in the middle of this city throughout the year?

B: It's because we have planted many fruit-bearing trees that attract different bird species. We have made sure that .

A: What a great idea! You are creating the perfect balance between nature and urban society.

- ① birds can eat plenty of food mostly in summer
- ② birds will find colorful flowers throughout the year
- ③ there is enough food to sustain birds all year round
- ④ we provide birds with sweet fruits especially in winter

3. 以下の英文は Durham Office of Public Relations が Durham Office of Transport Safety 宛てに送ったメールである。この英文を読み、問 11～問 14 に対する最も適切な解答を、それぞれの問いの①～④のうちから一つずつ選び、解答欄の  ～  に記入しなさい。

From: Durham Office of Public Relations <DOPR@City.gov>  
To: Durham Office of Transport Safety <Safety1st@DOTS.gov>  
Date: June 2, 2023  
Subject: Transportation and Road Safety

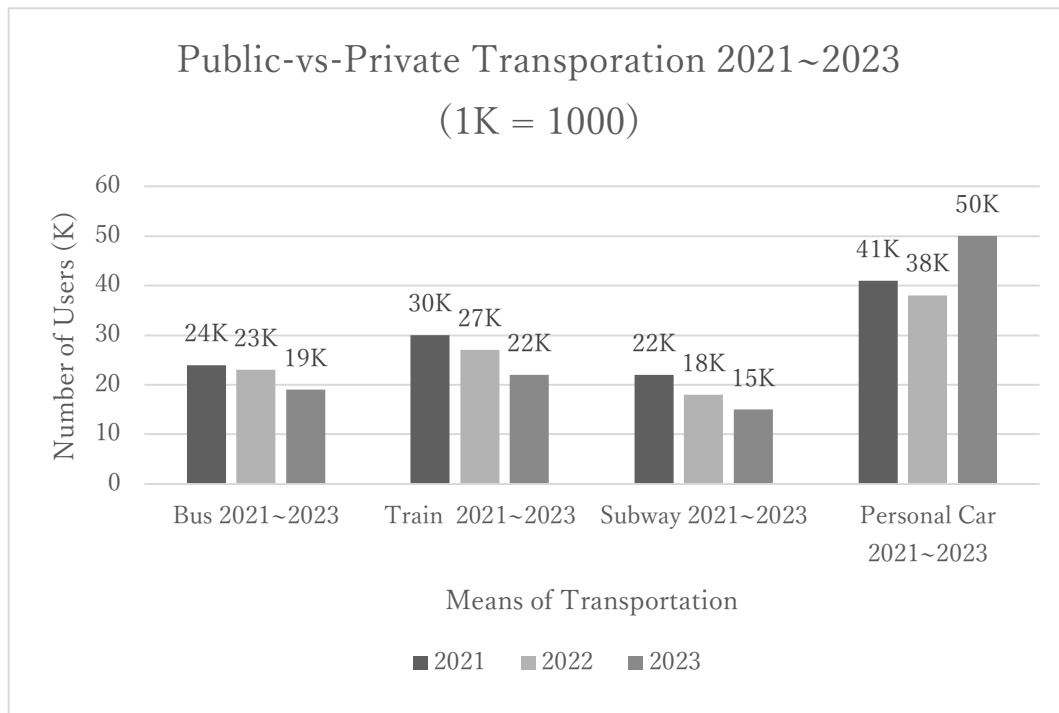
To The Durham Office of Transport Safety,

It has come to our attention that the number of people in recent years taking trains, subways, or buses to work has declined sharply. An increasing number of people have been using their personal cars. Needless to say, this has resulted in less-than-ideal traffic conditions. Traffic jams frequently occur both in and around busy downtown intersections, and major throughways. Most concerning is traffic on bridges leading into town. They are in disrepair and unable to withstand the heavy load placed on them when traffic congestion is **at its peak**. The attached bar chart below this email makes apparent the decline in the use of public transportation over the last three years, illustrating my point.

It has become necessary, in order to ease the burden on public roads and bridges and make commuting safer and more efficient, to promote more ambitiously the use of public transportation systems. Your urgent attention to this matter is greatly appreciated and we look forward to hearing at your soonest convenience when a meeting can be called to discuss it. Please contact me directly via email at MarthaJames@DOPR.City.gov or contact my office at 070-99156-4521. Thank you.

Best Regards,  
 Martha James  
 Durham Office of Public Relations

Attachment



問 11 16

In 2022, when compared to bus users, how many more people used personal cars?

- ① fewer than 14,000
- ② about 15,000
- ③ 17,000 ~ 18,000
- ④ more than 19,000

問 12

The use of “**at its peak**” in line 5 of the email probably means

- ① the slowest time.
- ② the busiest time.
- ③ the most interesting time.
- ④ the most stressful time.

問 13

Traveling in Durham City has become less efficient over the last three years due to

- ① concerns about public safety.
- ② heavy travelers at intersections.
- ③ bridges bearing heavy loads.
- ④ less use of public transportation.

問 14

Which of the following means of transportation illustrated the largest decline in use between 2022 and 2023?

- ① train transportation
- ② subway transportation
- ③ bus transportation
- ④ personal transportation

4. 次の文章を読み、問 15～問 19 に対する最も適切な解答を、それぞれの問いの①～④のうちから一つずつ選び、解答欄の  ～  に記入しなさい。

## The Steam Locomotive

The steam locomotive stands as an iconic symbol of human innovation and progress. In the early 19th century, this remarkable invention revolutionized transportation and played a **pivotal** role in shaping the modern world. Powered by steam and driven by ambition, the steam locomotive transformed economies, connected distant regions, and left an unforgettable mark on society and culture.

The origins of the steam locomotive can be traced back to the brilliant minds of English engineers such as Thomas Savery and George Stephenson, who, by learning to harness the power of steam through the combustion of coal and water, first conceived and then invented what came to be known as the steam engine. First used in the 17<sup>th</sup> century to pump water from coal mines, the engine was later redesigned to power a shaft that could turn wheels and a new era of cheap, sustainable propulsion\* was born. Propulsion that provided an efficient and reliable means of transporting goods and people over long distances, which in turn created new opportunities for commerce and employment.

Furthermore, the steam locomotive sparked technological advancements in engineering and manufacturing. It pushed the boundaries of innovation, resulting in improvements in locomotive design, materials, and infrastructure. Engineers such as James Watt and Richard Trevithick continually sought ways to enhance efficiency, speed, and safety. This drive for improvement laid the foundation for future transportation technologies and influenced the development of other industries.

Moreover, the steam locomotive captured the imagination of the masses and became an enduring cultural icon. Its distinctive appearance along with the rhythmic drumming sound it made as its engine worked to pull it along, black smoke belching out of its stack, created a sense of awe and wonder. The image of a steam train driving through a picturesque landscape stirred peoples' sense of adventure, exploration, and progress. It inspired works of literature, art, and music, and continues to evoke a sense of **nostalgia** and romanticism.

While modern technologies have largely replaced the steam locomotive, its legacy persists. It serves as a testament to human ingenuity, reminding us of the power of innovation and the possibilities that can be achieved through determination and perseverance. The steam locomotive holds a special place in history, symbolizing the

transformative impact of invention and the spirit of progress that continues to shape our world today.

\*Propulsion – the force that drives something forward

Sources:

Duignan, Brian. "Inventors and Inventions of the Industrial Revolution". *Encyclopedia Britannica*, 8 Jun. 2018, <https://www.britannica.com/list/inventors-and-inventions-of-the-industrial-revolution>. Accessed 6 July 2023.

Elizabeth, Peterson. "Who Invented the Steam Engine"? Live Science, 19 March. 2014, <https://www.livescience.com/44186-who-invented-the-steam-engine.html>. Accessed 6 July 2023.

問 15

The term “**pivotal**” used in line 3 is closest in meaning to the word

- ① important.
- ② organized.
- ③ changing.
- ④ confusing.

問 16

Without which of the following, it’s not likely that the steam engine could have been redesigned to carry goods or people?

- ① pump
- ② wheel
- ③ shaft
- ④ coal

問 17 

22
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The word “nostalgia” was used in the reading to describe the steam locomotive. This is likely because it

- ① connected distant regions.
- ② modernized transportation.
- ③ captured people’s imagination.
- ④ symbolized invention.

問 18 

23
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Which of the following is NOT a result of the combustion of coal and water?

- ① the belching of black smoke
- ② efficient and reliable locomotion
- ③ rhythmic drumming of the engine
- ④ improvements in design

問 19 

24
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It could be said based on the reading that the steam locomotive symbolizes innovation as well as

- ① privacy.
- ② literature.
- ③ democracy.
- ④ progress.

5. 4 の英文 (“The Steam Locomotive”) を読んで考えたことを、80 単語から 100 単語の英語で書きなさい。