令和8年度入学試験問題

英　　語

（前　期　日　程）

工　　学　　部

注　意　事　項

1. 試験開始の合図があるまで、この問題冊子の中を見てはいけません。
2. この問題冊子は9ページあります。
3. 解答用紙は3枚あります。すべての解答用紙の受験番号欄に受験番号を記入しなさい。受験番号が正しく記入されていない場合は、採点できないことがあります。
4. 解答は、解答用紙の指定された解答欄に記入しなさい。
5. 試験中に、問題冊子および解答用紙の印刷不鮮明、ページの落丁および汚損等がある場合は、手を挙げて監督者に知らせなさい。
6. 試験終了後、問題冊子は持ち帰りなさい。

表　面

令和8年度入学試験問題

問　題　訂　正

英語(工学部)

(前期日程)

注 意 事 項

１．試験開始まで，この問題訂正紙の裏面を見てはいけません。

２．「解答はじめ」の指示の後に裏返しなさい。

３．試験終了後，この問題訂正紙は持ち帰りなさい。

裏　面

教科・科目名	英語　工学部

次のとおり問題を訂正してください。

〔前期日程〕

問題訂正

３ページ　大問２　１５行目（２つ目のパラグラフ７行目）

（誤）Sales clerk: l agree that 16 GB ・・・
（数字の１）

（正）Sales clerk: I agree that 16 GB ・・・
（アルファベットのＩ）

裏　面

令和8年度入学試験問題訂正

教科・科目名	英語　工学部

次のとおり問題を訂正してください。

〔前期日程〕

問題訂正

９ページ　大問４　【問】の（3）

（誤）　・・・について、40語以内の日本語で・・・

（正）　・・・について、40字以内の日本語で・・・

1 空欄に最も適切なものを選び、その記号を解答欄に書きなさい。

Toshitaka Suzuki, a university professor, has been studying birds in Nagano Prefecture for nearly 20 years. (　①　) on his careful observations in the forests, he believes that some birds use gestures to communicate with each other. After (　②　) many years studying birds in the forests, Suzuki noticed that some female birds flap their wings to tell a male bird to go into the nest first. When the female did this wing flap, the male usually went inside quickly, in about 10 to 15 seconds. But when she did not flap, the male waited a few minutes. This (　③　) that birds may use simple body movements to send messages, like humans do.

This discovery is interesting because it used to be thought that only humans and some primates like monkeys used gestures to share meaning. The bird's wing flap seems like a message meaning "You go first." This is (　④　) from other animal actions, like a peacock showing its feathers or a cat raising its fur. (　⑤　), animals indicate some feeling, but do not send a clear, specific message to other animals. Suzuki thinks his finding can help people learn more about how animals use body language to communicate.

But some people do not (　⑥　) that this wing flap is really a gesture. They say the wing movement might just be a normal part of the bird's behavior or a sign of nervousness, not communication. (　⑦　), the gesture was only seen in some birds, not all of them. More studies (　⑧　) to know if other birds do this too. Still, Suzuki's research helps us think about how animals might talk to each other in ways we did not understand before.

選択肢

①	a. Due	b. Based	c. Thanks	d. Spent
②	a. spending	b. taking	c. telling	d. finding
③	a. depends	b. hides	c. begins	d. suggests
④	a. judging	b. original	c. different	d. particular
⑤	a. In such cases		b. On the other hand	
	c. So that		d. By the way	
⑥	a. defeat	b. read	c. mind	d. agree
⑦	a. Overall	b. Moreover	c. Despite	d. Hopefully
⑧	a. need	b. have needed	c. are needed	d. be needed

2 次の英文を読んで、以下の問いに答えなさい。

Mom: What kind of computer do you need to get, Kei?

Kei: I need a laptop computer because I want to take it to all my classes.

Mom: If you have to (　①　) it, why don't you get a tablet computer?

Kei: That's a good point, but the university says we have to get a laptop computer. Here is the list of (　②　) from the university website.

Mom: I see. This has all the information we need.

Kei: Let's ask a sales clerk.

The two walk over to a sales clerk standing near the laptop computers.

Sales clerk: How can I help you?

Mom: My son is looking for a laptop computer to use at university. Here is the list of the (　③　) functions.

Sales clerk: I see. It says here that you need at least 8 GB memory.

Kei: Yes, that is the (　④　) amount. But my university says that students should get 16 GB if possible.

Sales clerk: 1 agree that 16 GB would be much better.

Mom: Isn't that more expensive? I don't want to spend too much money.

Sales clerk: It does cost more, but having additional GB increases the computer speed. Here are the four laptop computers that I (　⑤　).

Kei: Could you tell me more about the differences between them?

Sales clerk: As you can see, the screen sizes are all different. Also, two of them have more memory than the other two. My (　⑥　) is to buy the model with more memory and the biggest screen.

Kei: That one also seems to have the highest price! What do you think Mom?

Mom: Of course, I prefer the model with the smaller screen and less memory because it is cheaper. But I think you should decide, Kei.

Kei: I don't want the largest screen, but I would like to have more memory.

Mom: OK, then this one would be the best option for you. I'll buy it.

Kei: Thanks Mom, you're the best!

【問】

(1) 英文の空欄に最も適切なものを選び、その記号を解答欄に書きなさい。

選択肢

①	a. carry	b. deliver	c. reduce	d. complete
②	a. assignments	b. degrees	c. reviews	d. requirements
③	a. recalled	b. necessary	c. improved	d. external
④	a. minimum	b. observed	c. technical	d. supervised
⑤	a. revise	b. transport	c. recommend	d. transform
⑥	a. advice	b. design	c. regret	d. pause

(2) Kei が購入するモデルを(ア)～(エ)から 1 つ選び、その記号を解答欄に書きなさい。

(ア)	Model A	Win 11 Home	Core i7	16GB	13.3-inch screen
(イ)	Model B	Win 11 Home	Core i7	16GB	15.6-inch screen
(ウ)	Model C	Win 11 Home	Core i5	8GB	14-inch screen
(エ)	Model D	Win 10 Pro	Core i5	8GB	12.4-inch screen

3 次の英文を読んで、以下の問いに答えなさい。

I was born on January 31, 1979 – a Wednesday. I know it was a Wednesday because the date is blue in my mind, and Wednesdays are always blue, like the number nine or the sound of loud voices arguing. I like my birth date because I can imagine most of the numbers in it① as smooth and round shapes, similar to pebbles* on a beach. That's because they are prime numbers* (31, 19, 197, 97, 79, and 1979), which can be divided only by themselves and one. I can recognize every prime number up to 9973 by their "pebble-like" quality. It's just the way my brain works.

I have an unusual need for order and daily habits, which affects almost everything in my life. For example, I eat exactly 45 grams of porridge* for breakfast each morning, so I weigh the bowl to make sure. Also, I count the number of clothes I'm wearing before I leave my house. I get nervous if I can't drink my cups of tea at the same time each day. Whenever I become too stressed② and I can't breathe properly, I close my eyes and count. Thinking of numbers helps me to become calm again.

Numbers are my friends and they are always around me. Each one is unique and has its own personality. Eleven is friendly and five is loud, whereas four is both shy and quiet – it's my favorite number, perhaps because it reminds me of myself. Some are big (23, 667, 1179), while others are small (6, 13, 581). Some are beautiful, like 333, and some are ugly, like 289. To me, every number is special. The number one, for example, is a brilliant and bright white. Thirty-seven is rough like porridge, while eighty-nine reminds me of falling snow.

Numbers are my first language, one I often think and feel in. Emotions can be hard for me to understand or know how to react to, so I often use numbers to help me. If a friend says they feel sad, I picture myself sitting in the dark of number six to help me experience the same sort of feeling and understand it. By doing this③, numbers actually help me get closer to understanding other people.

Sometimes people I meet for the first time remind me of a particular number. This helps me to be comfortable around them. They might be very tall and remind me of the number nine, or round and remind me of the number three. If I feel unhappy or uneasy or in a condition I have no previous experience of, I count to myself. When I count, the numbers form pictures and patterns in my mind that feel steady and stable to me. Then I can relax and face with whatever situation I'm in.

Thinking of calendars always makes me feel good, all those numbers and patterns in one place. Different days of the week show different colors and emotions in my head ④ – Tuesdays are a warm color, while Thursdays are unclear. The ability to tell what day of the week a particular date fell or will fall on is due to the fact that the numbers in calendars can be expected and they form patterns between the different days and months.

（Daniel Tammet, *Born on a Blue Day*, Hodder & Stoughton Ltd, 2006,
一部抜粋・改変）

【注】

* pebble … 小石
* prime number … 素数
* porridge … おかゆ

【問】

⑴　下線部①が指すものを本文中から抜き出しなさい。

⑵　下線部②と④を日本語に訳しなさい。

⑶　下線部③について、最も適切なものを１つ選び、その記号を解答欄に書きなさい。

a. understanding emotions　　b. imagining a number

c. feeling sad　　d. picturing my friends

⑷　筆者が自分の性格を最もよく表していると考える数字は何か、その数字を解答欄に書きなさい。

問題は次のページに続く。

4 次の英文を読んで、以下の問いに答えなさい。

①Climate change pressures have led some companies to try growing cocoa in new environments to produce chocolate. Some of the companies have set up growing operations in laboratories to produce cocoa from cell cultures*. Others are experimenting with non-cocoa substances in an effort to create chocolate alternatives.

②_____ cocoa beans in traditional rainforest environments. ［A］ But worldwide demand remains high for chocolate. So, scientists and businesses are looking to create new products to meet that demand.

California Cultured is a plant cell culture company based in California. It is growing cocoa from cell cultures inside a laboratory and plans to start selling its products in the near future. The process involves putting cocoa bean cells in a container with sugar water. This helps them quickly reproduce and mature. ［B］

Alan Perlstein, chief executive* of California Cultured, said his company's process can produce a harvest in just one week. This compares to six to eight weeks for a traditional harvest. He said the method also uses less water and labor than harvesting cocoa beans in a field. Perlstein also said he sees the demand for chocolate continuing to increase, while the supply decreases. Using alternative processing methods might be the only way to increase the supply of cocoa without causing environmental harm or greatly increasing costs, he said. ［C］ But scientists fear further climate change will dry out the land in such areas.

The worldwide market for chocolate is huge. The chocolate market for candy worldwide reached $238.5 billion in 2023. Sales in the United States alone reached more than $25 billion in 2023.

The price of cocoa increased earlier this year because of rising demand and West African crop losses from plant disease and weather changes. West Africa produces most of the world's cocoa. ［D］

Carla D. Martin is executive director of the U.S.-based Fine Cacao and Chocolate Institute. She told that drops in the world cocoa supply have led some companies to look for ways to replace the ingredient that produces the taste of chocolate.

（https://learningenglish.voanews.com/a/companies-grow-cocoa-beans-in-lab-to-produce-chocolate/7772471.html, September 17, 2024, 一部抜粋・改変）

【注】

* cell culture … 細胞培養

* chief executive … 最高経営責任者

【問】

⑴　下線部①を日本語に訳しなさい。

⑵　文脈に沿って、下線部②に入るように、以下の語を正しく並べ替えなさい。

grow, have, temperatures, it, to, made, higher, harder

⑶　California Cultured 社が試みているカカオの栽培方法について、40 語以内の日本語で説明しなさい。

⑷　次の一文が入る個所を、［A］～［D］の中から 1 つ選び、その記号を解答欄に書きなさい。

Cocoa trees grow about 20 degrees north and south of the equator in areas with warm weather and a lot of rain.

⑸　本文を読んだ感想を英語で書きなさい。ただし、5 語以上の単語を用いて一文で書くこと。