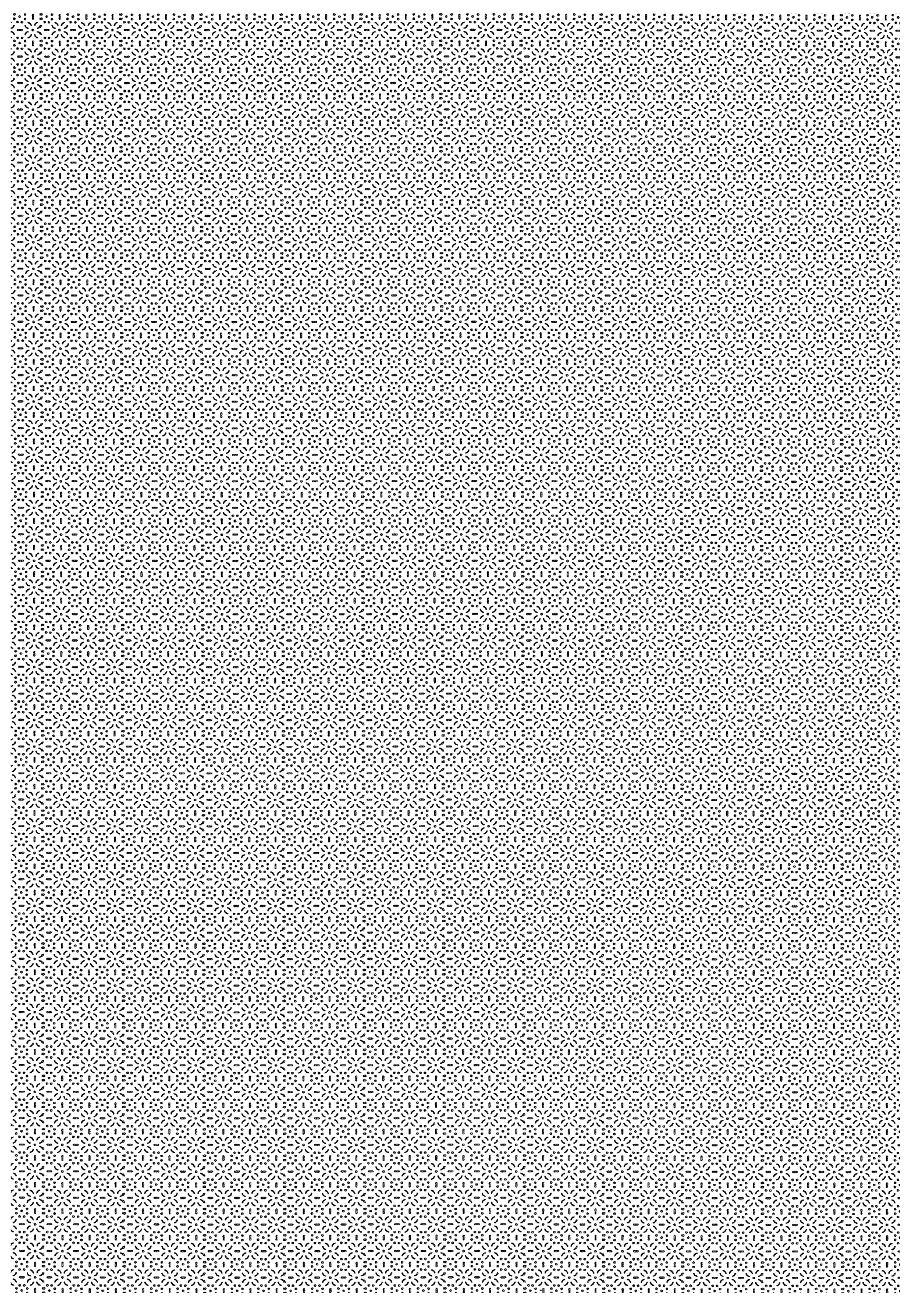


# 英 語

## 問題冊子 2

注 意

「問題冊子 2」に印刷されている問題は、**2** から **4** までで、2 ページから 14 ページまであります。



2

次の対話の文章を読んで、あとの各問に答えよ。

(\*印の付いている単語・語句には、本文のあとに〔注〕がある。)

*Akira is a high school student. He is now visiting his sister Yuri in the United Kingdom during his spring vacation. Yuri is studying history at a college in the \* northern part of England.*

*Today, Yuri and Akira are doing some sightseeing in her college town. They are visiting the information office now. Yuri comes here very often. Jane is an \* advisor at the office.*

*Yuri:* Hello Jane!

*Jane:* Hello Yuri!

*Yuri:* Jane, this is my brother, Akira.

*Jane:* Hello, Akira! Nice to meet you.

*Akira:* Hello! Nice to meet you, too.

*Yuri:* I'm taking my brother around the town today. I'll take him to the castle first. Can you give us any advice? I want him to experience the best parts of this town.

*Jane:* Yes, of course. Don't forget the town is famous not only for its castle, but also for its town walls. Why don't you climb up the town walls and walk to the castle?

*Yuri:* That's a good idea! I will do that.

*Akira:* (1-a) Can we walk on a town wall?

*Yuri:* Town walls were built all the way around the town to protect it. The \* guards used to walk around on the top of the walls, so they could see any \* danger.

*Jane:* If you take one of the walls, you can go to the \* entrance of the castle. You can enjoy a good view of the town from the walls.

*Akira:* Sounds great.

*Yuri:* Thank you for your advice! Goodbye!

*Jane:* Enjoy the tour!

*Now, Yuri and Akira are standing on a town wall.*

*Akira:* Wow! It's so high up here. (1-b)

*Yuri:* They are about 10 meters high.

*Akira:* Look! Cherry blossoms are all over the town now. So beautiful!

*Yuri:* Not only in this town, but also all over England, you can enjoy cherry blossoms.

*Akira:* Yuri, do you know when the town walls were built?

*Yuri:* Yes, during \* the Middle Ages.

*Akira:* When were the Middle Ages?

*Yuri:* They were from the year 900 to 1500.

Akira: Who lived \*inside the town walls?

Yuri: People who could \*fix \*tools, build things, clean up and so on.

Akira: I see.

*After their walk, they are still standing on the town wall. They look up at the castle.*

Yuri: Now we are at the entrance of the castle. Let's go inside.

Akira: Such a large stone castle with high walls and towers! (1-c)

Yuri: Castles were both homes for kings and their families and \*fortresses to protect their land.

Akira: Look! There are stairs in each tower. Can we go up?

Yuri: Sure.

*They climb the stairs, and \*halfway up the tower, they go out of the tower. They are now walking on the top of the castle walls.*

Yuri: All the towers are connected by the castle walls. We can walk from one tower to another on the walls.

Akira: What are the \*openings we see all over the castle?

Yuri: Some of them were for windows. Through them light came in, so during the day people were able to read and write without \*candle light. Some openings were used to throw away \*garbage and used water from baths.

Akira: Really?

Yuri: Yes. However, only the king and his family took baths.

Akira: (1-d)

Yuri: They went to rivers to wash themselves.

Akira: Even in the cold winter?

Yuri: They didn't take baths very often. Let's go over to the other side of the castle. We will climb up to the top of the tower there.

Akira: Wow! \*Magnificent! The river meets the sea here. This castle is surrounded on three sides by water. How high are we here?

Yuri: We are about 50 meters above the river.

Akira: We are so high. I'm too afraid to look down!

Yuri: This place was a natural fortress. It sits on a high hill and is surrounded by water. It was 3.

Akira: I'm sure it was. \*Outside the town walls, I see cows and sheep on the field. What happened to people who lived and worked outside the walls when the town was \*attacked?

Yuri: They were invited into the castle and protected there.

Akira: You know so much about the history of this town.

Yuri: History 【 ① us ② and ③ interesting ④ teach ⑤ is ⑥ a lot ⑦ can ⑧ people ⑨ about 】 and the world. I am studying it very hard now, and one day in the future I want to teach history at a college.

Akira: That's good. You already know what you want to do in the future.

Yuri:

Akira: I don't know yet. But one thing is \*certain. Even during this short visit here, I learned so many things that I did not know before. To make the right choice for my future, I should learn and experience a lot.

Yuri: You are right. Learn and experience as much as you can. Then, you can have a wider view of the world. Now, let's go into the town! You still have much more to see and experience here.

〔注〕 northern 北の  
guard 見張り番  
entrance 入口  
inside ~ ~の内側に  
tool 道具  
halfway up ~ ~に上る途中で  
candle ろうそく  
magnificent 荘厳な  
attack 攻撃する

advisor 案内担当者  
danger 危険  
the Middle Ages 中世  
fix 修理する  
fortress 要塞  
opening 開口部  
garbage ごみ  
outside ~ ~の外側に  
certain 確かである

〔問1〕  ~  の中には、それぞれ次のA~Fのうちのいずれかの文が入る。それぞれに入る文を並べた組み合わせとして正しいものを、下のア~カの中から一つ選べ。

- |   |                              |
|---|------------------------------|
| A | How tall are the town walls? |
| B | What about you?              |
| C | But why?                     |
| D | What did other people do?    |
| E | What were castles for?       |
| F | What is a town wall?         |

ア	<input type="text" value="(1-a)"/>	F,	<input type="text" value="(1-b)"/>	A,	<input type="text" value="(1-c)"/>	C,	<input type="text" value="(1-d)"/>	E,	<input type="text" value="(1-e)"/>	B
イ	<input type="text" value="(1-a)"/>	F,	<input type="text" value="(1-b)"/>	A,	<input type="text" value="(1-c)"/>	E,	<input type="text" value="(1-d)"/>	D,	<input type="text" value="(1-e)"/>	B
ウ	<input type="text" value="(1-a)"/>	F,	<input type="text" value="(1-b)"/>	D,	<input type="text" value="(1-c)"/>	C,	<input type="text" value="(1-d)"/>	A,	<input type="text" value="(1-e)"/>	B
エ	<input type="text" value="(1-a)"/>	C,	<input type="text" value="(1-b)"/>	F,	<input type="text" value="(1-c)"/>	B,	<input type="text" value="(1-d)"/>	E,	<input type="text" value="(1-e)"/>	D
オ	<input type="text" value="(1-a)"/>	C,	<input type="text" value="(1-b)"/>	F,	<input type="text" value="(1-c)"/>	B,	<input type="text" value="(1-d)"/>	A,	<input type="text" value="(1-e)"/>	D
カ	<input type="text" value="(1-a)"/>	C,	<input type="text" value="(1-b)"/>	D,	<input type="text" value="(1-c)"/>	A,	<input type="text" value="(1-d)"/>	B,	<input type="text" value="(1-e)"/>	F

〔問2〕 本文の内容に合うように、次の英文の  の中に入れるものとして最も適切なものは、下のうちではどれか。

Yuri and Akira are at the entrance of the castle. When they look around,  
.

- ア the town walls are higher than the castle walls but lower than the castle towers
- イ the castle towers are higher than the town walls but lower than the castle walls
- ウ the castle walls are higher than the town walls but lower than the castle towers
- エ the town walls are as high as the castle walls but lower than the castle towers

〔問3〕 本文の流れに合うように、 3 の中に英語を入れるとき、最も適切なものは、次のうちではどれか。

- ア easy to protect such a place
- イ easy to get to such a place
- ウ easy to find such a place
- エ easy to rescue such a place

〔問4〕 History 【 ① us ② and ③ interesting ④ teach ⑤ is ⑥ a lot ⑦ can ⑧ people ⑨ about 】 and the world. <sup>(4)</sup> について、本文の流れに合うように、【  】内の単語・語句を正しく並べかえるとき、【  】内で2番目と7番目にくる単語・語句の組み合わせとして正しいものを、次のア～カの中から一つ選べ。

- ア 2番目 ③ interesting      7番目 ⑨ about
- イ 2番目 ③ interesting      7番目 ⑥ a lot
- ウ 2番目 ③ interesting      7番目 ⑧ people
- エ 2番目 ④ teach            7番目 ③ interesting
- オ 2番目 ④ teach            7番目 ⑧ people
- カ 2番目 ④ teach            7番目 ⑥ a lot

〔問5〕 次の英文は本文の内容について書かれたものである。  の中に入る最も適切な連続する4語を本文中から抜き出せ。

If you learn and experience a lot, you can have a wider view of the world and can  for your future.

〔問6〕 本文の内容に一致するものを、次のア～オの中から一つ選べ。

- ア Yuri took Jane's advice at the information office, and she walked on a town wall to the castle with Akira.
- イ On a town wall, Jane explained to Yuri and Akira about the history of the town and people's way of life in the past.
- ウ The openings Akira saw all over the castle were only for throwing away garbage and used water from baths.
- エ The people living inside the town walls during the Middle Ages were people who took care of cows and sheep.
- オ During this visit to the castle, Akira decided what to do in the future because he was influenced by his sister Yuri.

3

次の文章を読んで、あとの各問に答えよ。なお、[1]～[11] は段落の番号を表している。  
(\*印の付いている単語・語句には、本文のあとに〔注〕がある。)

- [1] In February 2017, scientists \*announced that they discovered a new \*system of \*planets, called TRAPPIST-1. People all over the world are now wondering, “Can we find life on these planets?”
- [2] The \*star of this system, also called TRAPPIST-1, is a very small red star with seven planets going around it. The name came from the \*telescope in South America used to discover it. We can find the system in the \*constellation of \*Aquarius, and it is 39 light-years away from Earth. Its planets are called TRAPPIST-1b, 1c, 1d, 1e, 1f, 1g and 1h. They are all the size of Earth or \*Venus, and they may all have water on them. TRAPPIST-1e, 1f and 1g are \*probably in a habitable zone.
- [3] Now, what is a habitable zone? It means life is possible there. Let’s look at our Earth. We can live on Earth because it is at the right \*distance from the right kind of star. Our sun is the right size to produce lots of energy for us and to keep burning for a long time. We are also lucky that the Earth moves around the sun at the right distance. If a planet is too close to its star, it will be too hot to have life. If it is too far away, it will be too cold.
- [4] Look at Venus.  Venus is just like Earth, but the small difference in distance from the sun made a big difference on Venus. \*Long ago, Venus was only a little warmer than Earth and probably had oceans.  But because of the small difference, Venus could not keep its water and became very hot.  On the other side of Earth, we have another problem with \*Mars.  It was also once a nicer place, but it is so far away from the sun.  The \*atmosphere changed, and now it is too cold for life to live there.
- [5] TRAPPIST-1 is an ultra-cool dwarf star. This means TRAPPIST-1 is a really cold, small star at 2,300 °C. You may not think that is really cold, but for a star, it is  . For example, our sun is 5,500 °C. Our sun is about ten times bigger than TRAPPIST-1.
- [6] How can life be on planets with such a small and cold star? Well, the planets are closer to their star. When planets are closer to their star, they go around it faster. While the Earth takes one year to go around the sun, TRAPPIST-1f takes only a little more than nine days.
- [7] ア Can the TRAPPIST-1 planets really have life? イ If we want to know about that, we need to find answers to some questions. ウ For example, what is the atmosphere made of? エ How can we send people to this planet? オ And, what kind of \*geological activity does the planet have?
- [8] You may wonder how we get information on such a far-away system. In most cases, by using telescopes. Until now, we got information by watching the system with one telescope on land, called TRAPPIST, and another telescope in \*space, called Hubble.



[9] Soon, scientists will study the \*climate and the atmosphere on each planet. The scientists think they may find things on the planets like \*bacteria, flowers or trees. Living things leave signs. For example, trees send out \*oxygen into the atmosphere, and when a planet passes in front of its star, the starlight is changed by the oxygen in the planet's atmosphere. We can watch such changes from the Earth.

[10]

[11] Scientists are now building SPECULOSE. SPECULOSE is made of four telescopes which are more powerful than TRAPPIST. In October 2018, other scientists are planning to send the James Webb Space Telescope into space. It has a 6.50-meter mirror which is more powerful than Hubble's 2.40-meter mirror. With these new telescopes, we can find out more about the TRAPPIST-1 system of planets. Can another planet have life? We may soon find out.

〔注〕 announce 発表する	system (天文) 系
planet 惑星	star 恒星
telescope 望遠鏡	constellation 星座
Aquarius みずがめ座	Venus 金星
probably おそらく	distance 距離
long ago 大昔	Mars 火星
atmosphere 大気	geological 地質学の
space 宇宙	climate 気候
bacteria バクテリア	oxygen 酸素

〔問1〕 次の英文は、[4] の段落の  ～  のいずれかに入る。  
この英文を入れるのに最も適切な場所を選べ。

The sun's light gets to Venus just two minutes before it gets to Earth.

〔問2〕 本文の流れに合うように、 の中に入る最も適切な連続する2語を本文中から抜き出せ。

〔問3〕 [7] の段落のア～オの文のうち、文章の流れに合わない内容のものを一つ選べ。

〔問4〕 本文の流れに合うように、[10] の段落の  の中に、次の A～E の文を入れるとき、その最も適切な順番を表しているものを、下のア～カの中から一つ選べ。

- A The answer is simple!
- B So, it is easier to find planets around small stars.
- C With a small star, the darker parts on the star created by the passing planets look bigger.
- D When they pass in front of the star, the star gets darker because it is behind the planet.
- E How do we know when planets are passing in front of the star?

- ア C→A→E→B→D
- イ E→A→C→D→B
- ウ C→E→A→B→D
- エ E→C→A→B→D
- オ C→A→E→D→B
- カ E→A→D→C→B

〔問5〕 [1], [2], [3] の段落の内容に一致しないものを、次のア～オの中から一つ選べ。

- ア Scientists used the telescope TRAPPIST to discover this system, so they call the system and the star TRAPPIST-1.
- イ We can find the TRAPPIST-1 planets in Aquarius, and the trip to these planets takes only 39 years from the planet Earth.
- ウ Some of the planets in the TRAPPIST-1 system may be in a habitable zone, and all of the planets may have water.
- エ We say our sun is the right kind of star because it gives enough light and energy to the Earth and won't die very soon.
- オ There is life on Earth because the Earth is not too close to the sun and not too far away from the sun.

〔問6〕 本文の内容に一致するものを、次のア～オの中から一つ選べ。

ア Because Venus is too far away from the sun, and Mars is too close to the sun, they are not in a habitable zone.

イ When a star is very small and cold, planets that are closer to the star usually take more time to travel around it.

ウ To get information on stars and systems that are very far away, scientists can only use telescopes in space.

エ When flowers and animals live on a planet, they create some changes in the air, and scientists are looking for such signs.

オ SPECULOSE has four telescopes, and is more powerful than TRAPPIST, but the James Webb Space Telescope is as powerful as Hubble.

4

次の文章を読んで、あとの各問に答えよ。なお、[1]～[9] は段落の番号を表している。  
 (\*印の付いている単語・語句には、本文のあとに〔注〕がある。)

- [1] My name is Shunpei. I started high school only one year ago, but already I can see how much I have changed. At first, I was not good at speaking English, but now I can talk with others in English and I am leaving for New Zealand this summer to learn more English.
- [2] The person who \*inspired me to learn English and go abroad is Ms. Tamiya. She is an English teacher at our school, and she is also \*in charge of \*ESS. She has taught English here for six years. I remember her words very clearly when she introduced herself. She said, "I like music, cats and visiting other countries. Before I came to this school, I worked as a volunteer in Africa for a few years to protect animals in nature, like elephants. During my stay there, I had to use English to \*communicate with others. Then I thought it would be good for young Japanese people to go out of Japan and do some useful things not only for Japan, but also for other countries. I believe English is an important \*means to work together \*successfully with people around the world. So, I became an English teacher."
- [3] I was really (2-a) because of her words. I said to myself, "I want to speak English like Ms. Tamiya someday, and also I will study more about other countries." I decided to learn more from Ms. Tamiya, so I became a member of ESS.
- [4] I studied English very hard, both for English classes and for my club activities. Just before the summer vacation last year, Ms. Tamiya said to the ESS members, "I \*entered you in a \*debate contest for high school students held in Tokyo in October." When I heard that, I thought I would not be on the team because my English was still (2-b) and there were eight members in our club. Usually debate teams have from two to four people. However, she said all of us would take part in the contest, and we would make two teams. The \*theme was "Japan should make English its second \*official language." We club members worked together very hard. Through the summer vacation, we collected as much useful information as possible and \*organized our \*argument. Ms. Tamiya taught us 【① win ② to ③ how ④ and ⑤ what ⑥ debate ⑦ about ⑧ everything】 the contest.
- [5] Actually, it was very difficult for us to give our opinions in English. Ms. Tamiya was sometimes very \*strict. 4 However, in the end, we believed her and continued to practice for the contest. With practice, our \*confidence grew. Finally, the day came. We were very (2-c), but when we saw Ms. Tamiya's smile, we were able to \*relax. In the contest, we did \*as well as possible. And my team won first place!

[6] After the debate contest, I decided to improve my English skills and have many (2-d) kinds of experiences abroad, just like Ms. Tamiya. So, I took a test to study in New Zealand as an \*exchange student and I passed!

[7] My goal is to study \*environmental problems. Actually, I'm very interested in \*kiwis. Kiwis are New Zealand birds that don't fly, and now they are an \*endangered species. When I go to New Zealand, I'll be able to learn English, but I also want to learn how to 5 kiwis and increase the number of these birds. When I told Ms. Tamiya about my plan, she said it was (2-e).

[8] I still have two more months to practice English before I leave for New Zealand. My favorite way to practice is talking with Ms. Tamiya and my club members in English. Last year I was afraid of making mistakes in English in front of others, but now I am not afraid any more, because I know we can grow up through making mistakes.

[9]

[注] inspire ~ to ... ~を奮起させて…させる	in charge of ~ ~を担当している
ESS 英語クラブ	communicate 意思を伝える
means 手段	successfully うまく
enter (競技などに) 出場させる	debate デイベート
theme 論題	official 公用の
organize まとめる	argument 主張
strict 厳しい	confidence 自信
relax 緊張をほぐす	as well as possible できるだけうまく
exchange student 交換留学生	environmental 環境の
kiwi キーウイ (鳥)	endangered species 絶滅危惧種

[問1] how much I have changed. についてこの内容の具体例となる1文が [7] 又は [8] の段落にある。その1文の最初の2語を本文中から抜き出せ。

〔問2〕 (2-a) ~ (2-e) の中には単語が一つずつ入る。本文の流れに合うように次の A~J から一つずつ選んだとき、その組み合わせが最も適切なものを、下のア~カの中から一つ選べ。

A interested	B difficult	C poor	D terrible	E different
F great	G lucky	H nervous	I excited	J unfair

ア (2-a) A, (2-b) D, (2-c) I, (2-d) B, (2-e) J  
 イ (2-a) A, (2-b) D, (2-c) H, (2-d) G, (2-e) E  
 ウ (2-a) G, (2-b) D, (2-c) H, (2-d) J, (2-e) F  
 エ (2-a) G, (2-b) C, (2-c) I, (2-d) B, (2-e) A  
 オ (2-a) I, (2-b) C, (2-c) B, (2-d) J, (2-e) G  
 カ (2-a) I, (2-b) C, (2-c) H, (2-d) E, (2-e) F

〔問3〕 Ms. Tamiya taught us 【① win ② to ③ how ④ and ⑤ what ⑥ debate ⑦ about ⑧ everything】<sup>(3)</sup> the contest. について、本文の流れに合うように、【 】内の単語を正しく並べかえるとき、【 】内で2番目と5番目にくる単語の組み合わせとして正しいものを、次のア~カの中から一つ選べ。ただし、【 】内には、不要な単語が1語含まれている。

ア 2番目 ② to                      5番目 ⑧ everything  
 イ 2番目 ② to                      5番目 ⑥ debate  
 ウ 2番目 ② to                      5番目 ① win  
 エ 2番目 ⑦ about                  5番目 ③ how  
 オ 2番目 ⑦ about                  5番目 ⑤ what  
 カ 2番目 ⑦ about                  5番目 ② to

〔問4〕 [5] の段落の流れに合うように、

4
---

 の中に入れるとき、最も適切な英文を、次のア~オの中から一つ選べ。

ア We wanted to practice without help from others.  
 イ We tried to do all we could do.  
 ウ We all really enjoyed our practice.  
 エ We decided we would not join the contest.  
 オ We wanted to give up many times.

〔問5〕 本文の流れに合うように、 の中に入る最も適切な1語を本文中から抜き出せ。

〔問6〕 本文の内容と一致しないものを、次のア～オの中から一つ選べ。

ア It is now late spring and Shunpei is preparing for his one year in New Zealand by practicing English with Ms. Tamiya and other ESS members.

イ While in Africa, Ms. Tamiya wanted more young Japanese people to go abroad, so she decided to teach English, an important means for communication.

ウ When Ms. Tamiya said she would send ESS members to the debate contest, Shunpei was sure that he would be a member of their debate team.

エ Shunpei really wanted to be a better English speaker and to learn more about the world, so after winning the contest, he took a test to study abroad.

オ Through their experience in the debate contest and other ESS activities, Shunpei and other ESS members were able to have more confidence.

〔問7〕 [9] の段落の  の中に、あなたならどのような英文を入れてこの文章を終わらせるか。あなた自身の言葉を用いて以下の①、②の英語の条件に従って30語以上45語以内の英文を書いて文章を完成させなさい。

Write Shunpei's words about Ms. Tamiya to finish his story. Write clearly about two things. ① How did she influence him? ② How does he feel about that?

二つ以上の英文になっても構わない。下の〔例〕のように、「,」「.」などは語数に含めない。短縮形は1語と数える。

ただし、本文の英文をそのまま書き写したものは採点の対象とはしない。

〔例〕 I'm a student. You are a student,  
too. \_\_\_\_\_

