

平成 31 年度 六年制普通科入学試験問題

英 語

[1] 次の英文を読んで、あとの問いに答えなさい。

In the African country of *Rwanda, many people die because they cannot get blood or medicine when they are sick. A new American company called *Zipline is trying to solve this problem. In 2016 the company started using *drones to send blood and medicine to hospitals in Rwanda. In this system, doctors and nurses at these hospitals ask for *supplies with their mobile phones. Then drones use *GPS data to ①fly the supplies to the hospitals. The drones fly at about 100 kilometers per hour, and drop the packages with parachutes from about 13 meters in the air.

One reason for this system is that delivering blood and medicine is very difficult in Rwanda. Most of the country is hills and mountains. Over 70% of Rwanda's roads are (②) dirt roads. It takes a very long time to move people or transport goods. And when it rains, cars cannot use the roads, and goods cannot be delivered.

Another reason for this system is the electric system in Rwanda. Electricity is needed to *store blood and *vaccines. However, many areas of Rwanda still do not have *electric wires. That means small hospitals in rural areas cannot store blood and vaccines. The problem in these areas affects people's lives (③) various ways. For example, many people use mobile phones, but charge them with their car batteries.

For developing countries, building roads and electric systems is very expensive. New technologies such as drones can solve problems for much (④) money. Many companies such as Zipline are now offering services that use drones and IT in developing countries. ⑤In the future, developing countries [developed countries / may / new ideas / to give / able / be / to].

*Rwanda ルワンダ *Zipline ジップライン (アメリカのベンチャー企業) *drone ドローン *supplies 物資、必需品
*GPS 人工衛星を利用して位置を測るシステム *store 蓄える *vaccine ワクチン *electric wire 電線

問 1 下線部①の fly と置きかえられる 1 語を第 1 段落から抜き出さなさい。

問 2 (②) に入れるのにふさわしい語を次のア～エから一つ選び、記号で答えなさい。

ア clean イ rough ウ tough エ wrong

問 3 (③) に入れるのにふさわしい語を次のア～エから一つ選び、記号で答えなさい。

ア by イ on ウ in エ to

問 4 (④) に入れるのにふさわしい語を次のア～エから一つ選び、記号で答えなさい。

ア more イ much ウ few エ less

問 5 下線部⑤の [] 内の語 (句) を並べかえて英文を完成させなさい。

問 6 次の英語が本文のタイトルとなるように、() に入れるのにふさわしい s で始まる 1 語を答えなさい。

Drones that () Lives

[2] 日本語に合うように、[] 内の語 (句) を並べかえて英文を完成させなさい。ただし、文頭にくる語も小文字にしてあります。

(1) 彼女はハワイに行ったことがあるそうです。

[to / been / I / Hawaii / has / hear / she / that / before] .

(2) ソファーに横たわっている男性は誰ですか。

[lying / who / on / is / the sofa / the man] ?

(3) あなたにお願いがあるのですが。

[you / do / can / me / a favor] ?

(4) パンクした車は横にしま模様が入っています。

[a stripe / with / the car / a flat tire / along / has / the side] .

(5) あなたが時々図書館で見かける少年は私の弟です。

[the boy / in the library / you / is / see / my brother / sometimes] .

[3] 次の対話文を読んで、(1)～(4)の質問の答えとしてふさわしいものをア～ウからそれぞれ選び、記号で答えなさい。

Woman : Good morning. Come on in and sit down. What's wrong with you today?

Boy : I'm afraid I seem to have a cold.

Woman : Oh, do you have a sore throat?

Boy : Yes, I have a sore throat and a terrible headache.

Woman : When did it start?

Boy : Last night.

Woman : I see. How are you feeling now?

Boy : I feel shivery and have a slight fever.

Woman : Let me examine you.

Boy : Is it the flu, Doctor? I can't be absent from school.

Woman : No, you'll be OK. You don't have to be absent. Why do you have to attend school?

Boy : I have a very important exam next week.

Woman : I see. Here's a prescription. I'll have you take two kinds of medicine three times a day. The *pharmacy is across the street.

Boy : Thank you very much.

*pharmacy 薬局

(1) Where does the conversation take place?

ア at the boy's home

イ at a hospital

ウ at a school

(2) How badly does the boy's head hurt?

ア The boy's head doesn't hurt.

イ The boy's head hurts a little.

ウ The boy's head hurts very badly.

(3) When can the boy return to school?

ア today

イ in three days

ウ next week

(4) What does the woman give the boy?

ア medicine

イ an injection

ウ a prescription

[4] 次の対話文を読んで、[A]～[G]に入れるのにふさわしいものをア～クからそれぞれ選び、記号で答えなさい。

George: "How young people [A]." What's this book, Mary?

Mary : Oh, hi, George. [B] for my social studies class.

George: Hmm. Spending time with friends is the most popular activity for both men and women. [C] comes relaxing by watching TV or reading. How about you?

Mary : [D].

George: I prefer doing outdoor activities such as playing tennis and hiking.

Mary : Sports... let's see... almost thirty percent of men chose doing sports and about twenty percent chose hiking and driving.

George: [E] indoor activities than outdoor activities. What's the least common activity then?

Mary : Playing a musical instrument. The second least popular activity is playing games, and only about one-third as many women as men do this.

George: [F]. What is an activity that women do more than men?

Mary : Shopping. Many women seem to feel [G].

ア Interesting

イ Apparently more people enjoy

ウ happy when they are surrounded by new things

エ Personally, I enjoy talking with my friends in my free time

オ I'm doing an assignment

カ spend their free time

キ After that

[5] 次の英文を読んで、あとの問いに答えなさい。

Have you (a) seen a standing desk? At some companies, people use tall desks without chairs. This is because working while standing up, not sitting down all day, is better for your health. ①Today, [in / of / be / schools / seen / desk / can / this type] in Australia, Great Britain, and North America.

One reason that teachers and parents like standing desks is because students can burn more calories by using them. In some countries, many children have problems with their health. This is because they do not get enough (b) every day. Doctors complain of them not eating enough healthy food, and eating unhealthy things such as sweets and food with a lot of (c) instead. Standing desks help them to burn more calories than sitting, so their lives become healthier.

Also, children pay better attention in class with standing desks. Some find it hard to sit *still in class. Sometimes, they stand up and start walking around. ②A standing desk has a *bar at the bottom that moves like a *swing. Children can put their (d) on the bar and move their (e) if they cannot sit still. Teachers *appreciate students not getting up from their desk during class.

Since the good (f) of standing desks are clear, more schools are using them (g) of traditional desks. In one school in America, parents saw how good it was for their children to be using standing desks. So, they collected money to have ③one for every student. In Canada, all schools may switch to standing desks. A ④() desk may soon become a thing of the past.

*still じっとして *bar 横棒 *swing ブランコ *appreciate ありがたく思う *traditional 昔ながらの

問1 本文中の (a) ~ (g) に入れるのにふさわしい語を次から選び、記号で答えなさい。

ア legs イ feet ウ exercise エ points オ fat カ instead キ ever

問2 「スタンディングデスク」を利用している会社がある理由を第1段落から抜き出し、日本語で答えなさい。

問3 下線部①の [] 内の語 (句) を並べかえて英文を完成させなさい。

問4 先生や親が「スタンディングデスク」を好む理由を第2段落から抜き出し、日本語で答えなさい。

問5 「スタンディングデスク」を教室に取り入れることによりどのようなことが解決するのかを第3段落から抜き出し、日本語で答えなさい。

問6 下線部②を日本語に訳しなさい。

問7 下線部③を3語で言い換えなさい。

問8 下線部④に入れるのにふさわしい、sで始まる1語を答えなさい。

[6] 次の英文を読んで、あとの問いに答えなさい。

Just south of Kyushu is the beautiful island of Yakushima. It ①(cover) with many trees and is full of wildlife. It also receives more rain than almost any other place on the ②planet. Although it may be dry in the fall and winter, local people say that ③on average it rains 35 days a month! The temperature here is generally higher than in the rest of Japan. Thanks to its climate, Yakushima has been home to about 1,900 kinds of plants. And surprisingly, 40 of those plants can't be found anywhere else on Earth. So it is not surprising that ④the island is sometimes known as the "Galapagos of Asia."

The best example of Yakushima's natural beauty is a forest of Japanese *cedar trees located on the highest part of the island. The forest became a *UNESCO World Heritage site in 1993. Some of these trees are more than 1,000 years old and they are called *yakusugi*. The oldest of these, the Jomon Sugi, is thought to be over 7,000 years old!

Because of this miracle of nature, the average number of visitors to the forest has now reached 300,000 per year. They have to walk four or five hours to see the Jomon Sugi. It is 1,300 meters above sea level. There is ⑤a platform for viewing the tree. It is designed to give them the best view of the tree. At the same time, it protects the tree from damage. *Despite this effect, in 2005, someone cut a 10-centimeter piece off the tree. ⑥This shocking act made many people very angry.

(⑦), such incidents are very rare. If the natural forest of Yakushima is well protected with care, it will continue to inspire painters, poets and writers. And Yakushima will always be known as the "Galapagos of Asia."

*cedar ヒマラヤ杉 *UNESCO World Heritage site ユネスコ世界遺産登録地 *despite へにもかかわらず

*incident 出来事

問1 下線部①の動詞を適切な形に書きかえなさい。ただし、1語とは限りません。

問2 下線部②の planet とほぼ同じ意味をあらわす1語を本文中から抜き出しなさい。

問3 下線部③は屋久島のどのような特徴を例えた表現ですか。分かりやすく日本語で説明しなさい。

問4 下線部④の理由を本文に即して日本語で説明しなさい。

問5 下線部⑤の「展望台」が設置されている目的を二つ、本文に即して日本語で答えなさい。

問6 下線部⑥の内容を日本語で説明しなさい。

問7 (⑦) に入れるのにふさわしい語を、次のア~エから一つ選び、記号で答えなさい。

ア Finally イ Luckily ウ Suddenly エ Commonly