

英 語

放送英文

- ① (リスニングテスト) 英文を聞いて問いに答えなさい。英文は2回ずつ読まれます。途中でメモをとってもかまいません。

1. Ms. Yoshimura likes traveling abroad. She has been to Canada and America twice, and to Brazil three times. Last year, she went to China for the first time.

Question: Which country has she visited the most?

2. Mayumi practices basketball on Monday, Wednesday, Friday, and Saturday. On Monday and Friday, she practices from 4 p.m. to 6 p.m. On Wednesday, she practices 30 minutes longer than that. On Saturday, she practices from 8 a.m. to 11 a.m.

Question: Which day does she practice the longest?

3. Tomoki did research about his classmates' favorite seasons. There are 25 students in his class. Five students said they liked autumn, and only three liked summer. Eight liked spring. The other students said they liked winter.

Question: Which is the most popular season in his class?

4. Yusuke and his classmates decided to make a 30-minute movie to introduce their town. In the movie, they were going to talk about traditional food for 9 minutes, famous sightseeing spots for 10 minutes, and popular events for 11 minutes. But their teacher told them to make popular events shorter and talk about their school for three minutes.

Question: How long are they going to talk about popular events?

- ② (リスニングテスト) 英文を聞いて次の問いに答えなさい。英文は2回読まれます。途中でメモをとってもかまいません。

Hello, everyone. Today I would like to talk about my trip to the Osaka World Expo, or the Osaka Banpaku.

I went to Osaka for three days with my family, from August 13th to August 15th. On the first two days, we went sightseeing around Osaka. Then, on the third day, we visited the World Expo.

We arrived at the World Expo at 9:30 in the morning and stayed until 7:00 at night. Even though we arrived at 9:30, we couldn't actually go into the World Expo until an hour later, because there were so many people waiting outside. My family and I were surprised by how many people there were!

There were many interesting pavilions from countries like Canada, Brazil, and Egypt. In fact, there were around 180 pavilions in total. However, that's not as many as at the 2020 Dubai Expo—that expo had about 190!

The Japan Pavilion was fun. It had amazing robots, interesting houses of the future, and a show about clean energy. The France Pavilion was also very good, with an amazing digital art show. I love art, so I really enjoyed it. However, the French pavilion wasn't my favorite—that was the Thailand Pavilion! It had beautiful art, traditional dances, and lots of delicious Thai dishes.

The Expo had lots of food from other countries, too. I tried curry at the Indian pavilion, ramen at the Japanese one, and pizza at the Italian one. I liked the pizza best!

The weather that day was terrible. It rained all day! I didn't have an umbrella, so I needed to buy one.

Even though there were many people and the weather wasn't great, I still had a wonderful time.

英語

- ◎ 答えはすべて解答用紙に記入しなさい。
◎ 記号・番号で答えられるものはすべて記号・番号で答えなさい。

1 (リスニングテスト) これから英文と質問が2回ずつ読まれます。質問に対する答えの文の()内に入る適切な語を書きなさい。ただし、数字も英語で書きなさい。途中でメモをとってもかまいません。

1. It is ().
2. On ().
3. () is.
4. For ()().

2 (リスニングテスト) これから英文が2回読まれます。次の問いに答えなさい。途中でメモをとってもかまいません。

問1 次の各文が英文の内容に一致するように、下線部に1と2は数字を、3は語を書きなさい。

1. The boy entered the Expo at _____. 例) 8時45分の場合は 8:45
2. The boy said that there were about _____ pavilions at the Osaka World Expo.
3. The boy bought an _____ because of the weather that day.

問2 次の各文が英文の内容と合っていれば○、合っていなければ×を書きなさい。

1. The boy went to the Osaka World Expo on August 15th.
2. The pavilion that the boy enjoyed the most was the French one.
3. The boy's favorite food was from the Italy Pavilion.

3 次の文の下線部の中で文法的に誤りのあるものをそれぞれア～エから選びなさい。また、誤りを訂正して、その下線部をすべて書き直しなさい。

1. Each of us discussed about the plan to go abroad next summer.
ア イ ウ エ
2. We went on a trip to the lake and have caught several fish yesterday.
ア イ ウ エ
3. Buses carried more than 40 passengers are often used for school trips.
ア イ ウ エ
4. Could you tell me what time will the meeting start tomorrow morning?
ア イ ウ エ

4 次の各組の文の()内に発音が同じでつづりが異なる語を入れて、文を完成させなさい。

1. ア He has a good () for detail, so he notices small mistakes easily.
イ You enjoyed the party, but () didn't feel comfortable there.
2. ア Don't forget to () the gate behind you when you leave the garden.
イ I need to buy some new () before the party tonight.
3. ア Can I borrow your pencil? I don't have ().
イ Did you see the game last night? My favorite team ().

5 次の日本語の意味を表すように、()内に入る適切な語を書きなさい。

1. 昨日、私たちが訪れた博物館についてどう思う？
() do you think about ()()() yesterday?
2. この素敵な景色を両親に見せたい。今、カメラがあればいいのになあ。
I want to show my parents this nice view. I ()()() a camera now.
3. 私は、この歌を聞くと、夏祭りを思い出す。
()()()() of the summer festival.

⑥ 次の英文を読んで、後の問いに答えなさい。

In 2024, a group of Japanese scientists made history by sending the world's first wooden *satellite into space. This small and unique satellite is called LignoSat, and it was created by Kyoto University and Sumitomo Forestry, a Japanese company known for its work with wood. LignoSat flew to the International Space Station (ISS) on a rocket made by SpaceX. Later, it will start going around Earth at about 400 kilometers high. The name LignoSat means wooden satellite. ①[small / can / your hand / fit in / it / it / that / is so].

Making a wooden satellite was a difficult and challenging task for the team. First, the team had to find the perfect kind of wood. They tested over 70 different types. They needed wood that could survive the severe conditions of space, such as high and low temperatures, a lack of air, and strong *radiation. After many tests in the *lab, *honoki* was the best. This kind of wood is light and strong. It did not break or change shape, even under pressure. People in Japan have used it for a long time to make traditional wooden things like boxes and tools.

Another problem was that things can change size, such as getting bigger or smaller, because of temperature changes in space. The team couldn't use glue or *nails, because they can cause serious problems if this happens. As a result, the team had to figure out how to build the satellite without using them. To solve ②this problem, the team used a traditional Japanese method of joining wood called *kumiki*. It connects wood pieces like a puzzle, with (③) fasteners. It made the satellite both strong and simple. In this way, they solved many problems with their hard work and creativity.

However, before they actually sent their wooden satellite into space, the team needed to be sure that the wood would not go bad or burn in space because there is (③) water or *oxygen. For this reason, they sent wooden pieces to the ISS in 2022. The pieces remained there for 10 months. After returning to Earth, the pieces were in great condition. This showed that wood can be safe in space.

Using wood in space may sound strange, but it has many good points. (④), wood is better for the environment when it is compared to *metal. Today, most satellites are made of metal. When they finish their *missions, they return to the *atmosphere, burn, and break into pieces of metal that can cause pollution. However, wooden satellites burn up and do not leave such things behind. Professor Takao Doi,

a leader of this project, said that ⑤wooden satellites may replace metal ones in the future, especially if the rules for satellites become stricter.

The scientists hope that if LignoSat works well, it will open the door to using wood in bigger projects—maybe even building houses on the moon and Mars. This project shows how old wisdom and new science can work together. Something as simple as wood may help the future of space travel.

(注) satellite : 人工衛星 radiation : 放射線 lab : 研究室 nails : くぎ
oxygen : 酸素 metal : 金属 missions : 任務 atmosphere : 大気圏

問 1 意味の通る英文になるように①[]内の語(句)を適切な順番に並べかえなさい。
ただし、文頭に来る語も全て小文字にしてあります。

問 2 下線部②を説明した次の文の[1]・[2]内に入る適切な日本語を[1]は 6 字以内で、
[2]は 11 字以内で、それぞれ書きなさい。
宇宙空間では、温度の変化により、[1]が変化するため、人工衛星を作る
にあたって、問題を引き起こす可能性のある[2]方法を見つけなければなら
ないという問題。

問 3 英文の内容から推測し、2 か所ある(③)内に入る最も適切な語を答えなさい。

問 4 (④)内に入る最も適切なものをア～エから選びなさい。
ア However イ For example ウ In addition エ Instead

問 5 下線部⑤の理由を具体的に説明した次の文の[1]～[3]内に入る適切な日本語を
[1]と[2]は 2 字、[3]は 4 字で、それぞれ書きなさい。
木製の人工衛星は、金属製の人工衛星と違って、大気圏に戻るとき、完全に
[1]で、汚染を引き起こす可能性のある[2]を[3]から。

問 6 次の各文が英文の内容と一致していれば○、一致していなければ×を書きなさい。

1. In 2024, Japanese scientists made history by being the first people to send a satellite into space on a wooden rocket.
2. Space's environment made choosing the satellite's material challenging.
3. Before scientists sent their satellite into space in 2024, *honoki* had never been tested in a real space environment.
4. Although wood is a very simple material, scientists believe it can be used in other ways in space.

7 次の英文を読んで、後の問いに答えなさい。

James and John Makanjuola are twin brothers from London. When they were 15 years old, their family didn't have enough money, and they had to live on the streets. This hard time in their lives inspired them to help other people and improve the world around them. [A] Today, the brothers are known for cleaning streets, garbage cans, and other public areas across the south of England—not for money, but ①[them / the community / helped / give back / that / to / simply to] when they needed it. They share videos of their work on social media, and many people follow them.

The idea began when the brothers went to university. While living in student housing, they noticed that many student apartments were very dirty. John saw that the people who he lived with weren't clean, and he often had to clean the kitchen and bathroom himself. [B] That's when the brothers had an idea: Why don't we start a cleaning company for students? They created a business called Makagroup. It focused on cleaning student apartments.

As their business grew, they wanted to do more. One day, while walking in their city, they were shocked by how dirty it was, and decided to clean it. [C] They made a video of it and posted it online. The reaction was (②). When they started, they just wanted to show their cleaning skills. (③), they soon realized that their work was helping the local community. At first, some local people were a little surprised, but later they were happy about what the brothers were doing and wanted to see more. Since then, they have continued to clean different public places, including big and famous places like soccer stadiums, local shopping areas, and even more unusual places like zoos and airports.

The twins say that their experience of living on the streets is what motivates them today. From a young age, they began thinking about what they could do to change their future and help others. Cleaning became their way to give back to people. They don't ask for anything in return—they just want to help and enjoy what they do. [D]

James and John now have thousands of followers online. People enjoy watching when they make dirty places clean. Their story inspires others, and they hope to keep growing their business while continuing to clean public spaces for free. James says that they made a promise to themselves: that their future children would never have to experience ④the same thing that they did. They believe that everyone can make a difference, even with something as simple as a brush, a bucket, and a little

kindness. Their message is clear: Even if you have a (⑤) start in life, you can always find a way to do something good.

問1 意味の通る英文になるように①[]内の語(句)を適切な順番に並べかえなさい。

問2 (②), (⑤)内に入る語の組み合わせとして最も適切なものをア～エから選びなさい。

ア ② great ⑤ comfortable イ ② great ⑤ difficult
ウ ② weak ⑤ difficult エ ② weak ⑤ comfortable

問3 (③)内に入る最も適切なものをア～エから選びなさい。

ア First イ Sadly ウ Finally エ However

問4 下線部④を具体的に説明している箇所を本文から4語で抜き出ささい。

問5 以下の英文を補う箇所として最も適切なものを[A]～[D]から選びなさい。

This happiness shows in their videos which are full of energy and excitement.

問6 次の各文が英文の内容と一致していれば○、一致していなければ×を書きなさい。

1. Their time living on the streets is what inspires the twins to clean now.
2. The brothers started their business after becoming popular on social media.
3. Local people liked the brothers cleaning public places.
4. People always have to give the twins money after they clean public places.

英語解答用紙

1	1					2					3								
	4																		
2	問1	1	⋮				2					3							
	問2	1		2		3													
3	1	記号 → 訂正				2	記号 → 訂正												
	3	記号 → 訂正				4	記号 → 訂正												
4	1	ア		イ		2	ア		イ										
	3	ア		イ															
5	1																		
	2																		
	3																		
6	問1	[].																	
	問2	1																	
		2																	
	問3				問4				問5	1			2						
	問6	1		2		3		4											
7	問1	~, but [] when ~																	
	問2			問3			問4												
	問5			問6	1		2		3		4								

受験番号

英語解答例

1	1	Brazil			2	Saturday			3	Winter												
	4	eight		minutes																		
2	問1	1	10:30			2	180			3	umbrella											
	問2	1	○		2	×		3	○													
3	1	記号	訂正	discussed			2	記号	訂正	caught												
	3	記号	訂正	carrying			4	記号	訂正	the meeting will												
4	1	ア	eye	イ	I		2	ア	close	イ	clothes											
	3	ア	one	イ	won																	
5	1	What		the		museum		we		visited												
	2	wish		I		had																
	3	This		song		reminds		me														
6	問1	[It is so small that it can fit in your hand].																				
	問2	1	物	(体)	の	大	き	さ														
		2	接	着	剤	や	く	ぎ	を	使	わ	な	い									
	問3	no			問4	イ		問5	1	燃	え	2	金	属	3	残	作	さ	ら	な	な	い
	問6	1	×		2	○		3	×		4	○										
7	問1	~, but [simply to give back to the community that helped them] when ~																				
	問2	イ		問3	エ		問4	living on the streets														
	問5	D		問6	1	○		2	×		3	○		4	×							

受験番号

《配点》

各2点

1
4
6
7

2
5

問1~5

問1~5

各3点

3
6
7

問6

問6