

2022 年度 B

# 英 語

(全 13 ページ)

## 注意事項

1. 受験番号, 氏名および解答は, すべて解答用紙に記入しなさい。
2. 問題用紙に解答を書き込んでも採点されません。
3. 問題は全「13」ページです。最初に筆記テストが表紙を含め「9」ページ, その後に続いてリスニング・テストが表紙を含めて「3」ページです。
4. リスニング・テストは, 試験開始から約5分後に行われます。指示があるまでリスニング・テストの問題に進んではいけません。リスニング・テストが始まるまでは, 筆記テストの問題を解答しなさい。



2022 年度 B

# 英語 筆記テスト

## 注意事項

1. 問題は I から IV まであります。
2. リスニング・テストは、試験開始から約 5 分後に行われます。放送の指示で、筆記テストの解答を中断し、11 ページを開きなさい。

I. 次の英文は、「お取り寄せグルメ」サイトに掲載されている、「慶香亭(KEI-KA-TEI COMPANY)」が製造する「スリー・スター・クッキーズ(THREE STAR COOKIES)」の商品説明と、購入者からのレビューです。これを読み、あとの〔1〕〔2〕の問いに答えなさい。

<p><b>THREE STAR COOKIES</b> 1,500 yen</p> <p>THREE STAR COOKIES are the most popular of all the sweets in our shop. We offer three great tastes in one box! ①<u>You (ア these delicious cookies イ three ウ should エ with オ try カ covered ) kinds of cream and chocolate.</u> “*Caramel cream with milk chocolate,” “melon cream with white chocolate” and “cheese cream with black chocolate.”</p> <p><b>Hello, we are KEI-KA-TEI COMPANY.</b></p> <p>KEI-KA-TEI COMPANY was established in 1990 in Hokkaido. We have made various kinds of sweets with fruits or vegetables grown in Hokkaido. Our sweets make everyone happy. Why don't you ②<u>[take]</u> a break and enjoy our sweets?</p> <p><b>Don't Miss the Sale!</b></p> <p>We will have a sale from February 15th to February 28th. You don't have to pay for *shipping during the sale. Also, you will get 10% off if you buy two or more. The *expiration date of our sweets is long, so you can buy a lot. Don't miss it!</p>
<p>〔REVIEWS〕THREE STAR COOKIES</p>
<p>(★★★★★) Eri(female)</p> <p>This is my grandmother's favorite. We traveled to Hokkaido five years ago and visited KEI-KA-TEI to enjoy some sweets in the cafe. My grandmother loved your sweets, so we have ③<u>[be]</u> to your shop and cafe in Hokkaido many times since then. But we couldn't travel recently. Last Sunday was my grandmother's birthday, so I bought THREE STAR COOKIES for her birthday. This morning she sent me an e-mail with a picture. ④ <u>In the picture, she is smiling (ア her hand イ in ウ of エ THREE STAR COOKIES オ the box カ with ).</u> She looks very happy.</p>
<p>(★★★★☆☆) Ponzu(female)</p> <p>THREE STAR COOKIES are more delicious than any other cookie. *In fact, all of my friends love them. But I have one thing to say. I don't like the box. Of course, the box made of *plastic is strong enough and it looks great. But it isn't good for the environment. I hope they will sell them in a paper box.</p>
<p>(★★★★★) Tetsu(male)</p> <p>I bought THREE STAR COOKIES during this sale. ⑤ <u>I (ア at イ get ウ to エ happy オ them カ was ) a lower price.</u> Three months ago, I ⑥<u>[get]</u> them for some of my friends as a present but I didn't eat them. They told me the cookies were delicious, so I bought some for myself. They were so good that I couldn't stop ⑦<u>[eat]</u> them. How I love THREE STAR COOKIES!</p>

\*注 caramel : キャラメル shipping : 送料  
 expiration date : 賞味期限 in fact : 実際に plastic : プラスチック

〔1〕①④⑤の〔 〕内に与えられた語(句)を並べかえて文を作り, 2番目と5番目にくる語の記号を答えなさい。

① You ( \_\_\_  \_\_\_ \_\_\_  \_\_\_ ) kinds of cream and chocolate.

④ In the picture, she is smiling ( \_\_\_  \_\_\_ \_\_\_  \_\_\_ ).

⑤ I ( \_\_\_  \_\_\_ \_\_\_  \_\_\_ ) a lower price.

〔2〕②③⑥⑦の〔 〕内の動詞を適切な形にしなさい。ただし, 形がかわらない場合もあります。

Ⅱ. 次の英文は、中学生の亜紀(Aki)と、亜紀の家にホームステイしているカナダ人留学生のビリー(Billy)との会話です。これを読み、あとの〔1〕～〔4〕の問いに答えなさい。

- Aki : Hi, Billy. You look happy. Do you have some good news?  
Billy : Hi, Aki. Yes. Actually, I have a new friend!  
Aki : Really? Is your new friend on the basketball team? You are a member of it, right?  
Billy : Yes, I practice on the basketball team after school every day, and I have made a lot of friends. But I don't mean those friends. My new friend is also a junior high school student, but she's from India. Her name is Jasmine. She lives in \*Mumbai, India.  
Aki : Wow, India? [ A ]  
Billy : I met her on the Internet. Before I came to Japan three months ago, I started using \*social media to \*keep in touch with my friends in Canada. I like art and I often put my pictures on social media. Two weeks ago, Jasmine found my pictures and sent me a message to tell me that the pictures were cool. We have sent messages to each other.  
Aki : Do you mean you have never met Jasmine?  
Billy : That's right. But we have sent our pictures to each other, too, so I know her face. Look at this picture. This is Jasmine. We will meet next week because she will come to Japan. I can't wait!  
Aki : Well, I'm afraid you should be more careful. The Internet is open to anyone in the world. There may be bad people .... [ B ]  
Billy : Do you remember we took pictures at the school festival last month? I sent one of them. Look! This is my favorite one.  
Aki : How terrible! The name of our school can be read in your picture. The faces of the people around you are not \*hidden. There is a lot of information about you in this picture. You should not show such pictures.  
Billy : I understand, but don't worry, Aki. Jasmine is my friend's friend.  
Aki : Your friend's friend? What do you mean?  
Billy : Well, my friend, Tom, studied in India last year, and he made friends with Jasmine then. Actually, I will meet not only Jasmine but also Tom next week.  
Aki : Oh, I see.  
Billy : I usually don't tell my real name or any \*personal information when I contact someone on the Internet. For example, I sometimes play online games with people around the world. I use an online name, not my real name. And, I don't use a picture of my face. I use a game character's face.  
Aki : Social media is very useful and may help you to \*connect with your friends. But not all the information on the Internet can be true.  
Billy : [ C ] We should learn about how to use the Internet and be careful when we use it.

- \*注 Mumbai : ムンバイ(インドの都市)      social media : ソーシャルメディア  
keep in touch with ~ : ~と連絡を取り続ける  
hidden : hide の過去分詞      personal information : 個人情報  
connect with ~ : ~とつながる

〔1〕本文中の〔A〕～〔C〕に当てはまるものをそれぞれア～ウの中から1つ選び、記号で答えなさい。

〔A〕ア. How did you become friends with her?

イ. What do you think about her?

ウ. Have you ever been to India?

〔B〕ア. When did you take pictures with Jasmine?

イ. What picture did you send to Jasmine?

ウ. Where did you take pictures?

〔C〕ア. I don't think so.

イ. I agree with you.

ウ. Do you think so?

〔2〕**That**が指し示す内容に最も近い意味を持つものを次のア～エの中から1つ選び、記号で答えなさい。

ア. Jasmine is a junior high school student in India.

イ. Billy has known Jasmine for two weeks, but he hasn't met her yet.

ウ. Billy and Jasmine have sent messages to each other.

エ. Billy sent Jasmine his picture, and Jasmine sent hers to him.

〔3〕次の英語の質問に英文で答えなさい。

What club does Billy belong to?

〔4〕本文の内容と一致するものを、次のア～オの中から2つ選び、記号で答えなさい。

ア. It is not necessary to be careful about the Internet because it is open to everyone.

イ. When Billy plays online games, he uses his real name.

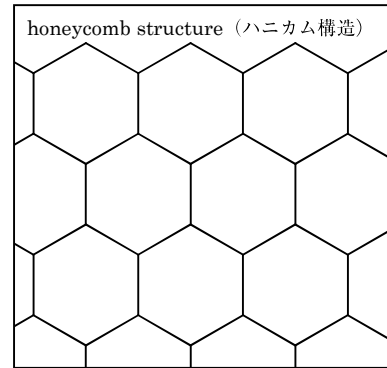
ウ. Billy is going to meet Jasmine and Tom in Japan next week.

エ. Billy sent Jasmine some pictures without any information about him.

オ. Tom went to India to study last year and met Jasmine there.

Ⅲ. 次の英文を読み、あとの〔1〕～〔4〕の問いに答えなさい。

Last year, it was difficult to go out and enjoy shopping because of the virus. So, shopping on the Internet has become more popular. Last week, I received an item from an online shop by mail. When I opened the box, I saw something interesting. There was some paper made of a lot of \*hexagons around the item. It looked like a \*beehive. I asked my father what it was. He told me that the items wouldn't be damaged during the delivery because of the paper. The paper works as a cushion. I think there were things like balloons around the item in the box as a cushion before, but these days, \*hexagonal paper is often used. But why are hexagons used, not triangles or squares?



This hexagonal \*structure is called a “①honeycomb structure.” People thought of this idea from the beehive. When bees build their houses, they want to make the rooms as large as possible with as little \*material as possible. For example, if the shape of each room is a circle, there will be some space between the rooms, and the room will be smaller. Also, the shape of a hexagon makes it stronger against \*impact. This is why the walls of the beehive are so \*thin but they can hold heavy honey.

In fact, we can find a lot of honeycomb structures around us. For example, do you know that some cushions use the honeycomb structure? They are so strong that they don't get broken when people sit on them. Also, because the \*weight is spread thanks to the structure, when you sit down, you can feel like you are sitting on air! Getting ideas from nature like this is called biomimicry. I became interested in biomimicry when I first learned about the honeycomb structure. I learned about biomimicry and tried to find examples of it around me. The Biomimicry Chart shows some of them. One example is a \*drone. Have you ever used a drone? A drone usually has four or eight \*propellers. The design of its propellers came from the shape of a \*maple seed. Maple seeds \*spin and fly a long distance because of its shape.

When we have problems, we learn from [ ② ]. Animals and plants living now have survived in nature for a long time. In other words, they have changed in many ways to survive in difficult environments. If we look at things in nature carefully, we may be able to find other good ideas and invent something new from these ideas.

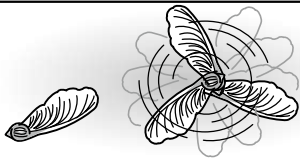
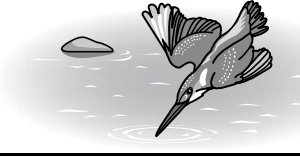
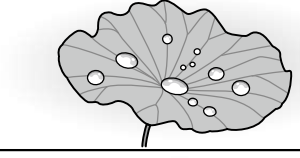
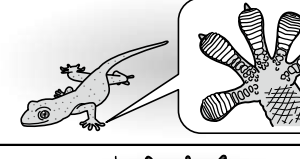

\*注 hexagon : 六角形  
structure : 構造  
thin : 薄い  
propeller : プロペラ

beehive : ハチの巣  
material : 材料  
weight : 体重  
maple seed : カエデの種

hexagonal : 六角形の  
impact : 衝撃  
drone : ドローン  
spin : 回転する



## Biomimicry Chart

Product	Idea in nature	Good point(s)
drone		They can fly a long distance.
<i>shinkansen</i>		[ A ]
umbrella		It can *repel water.
*adhesive tape		<ul style="list-style-type: none"> <li>• [ B ]</li> <li>• It can *come off easily.</li> </ul>
*syringe		[ C ]

\*注    repel : はじく                    adhesive tape : 接着テープ                    come off : はがれる  
           syringe : 注射器

[ 1 ] 下線部①について、本文に書かれている、ハチの巣における良い点を2つ、日本語で書きなさい。

[ 2 ] 本文や Biomimicry Chart の内容に合うように、空欄 [ ② ] に入る1語を本文から抜き出して書きなさい。

[ 3 ] Biomimicry Chart は、“biomimicry” の考えを応用して作られた製品を表している。空欄[A]～[C]に入るものをそれぞれア～オの中から1つ選び、記号で答えなさい。

ア. It can stick to something strongly.

イ. We don't feel much pain.

ウ. It is strong enough to sit on.

エ. It can move quickly and smoothly.

オ. We can keep heavy things in it.

〔4〕 本文や Biomimicry Chart の内容と一致するものを、次のア～オの中からすべて選び、記号で答えなさい。

ア. 筆者は、オンラインショッピングで購入した商品の箱に入っていた紙の役割を、父親から教わった。

イ. ハチの巣のそれぞれの部屋が円であれば、大きな部屋を作ることができる。

ウ. ハニカム構造を取り入れたクッションでは体重が分散されるために座り心地がよい。

エ. 筆者は、昨年から biomimicry に興味を持ち始めた。

オ. 傘は、植物の葉から着想を得て開閉の仕組みを取り入れた。

- IV. 以下の部活動の部員募集のポスターを見て、あなたが入りたいと思う部を1つ選び、その理由を書きなさい。ただし、ポスターに書かれた情報を書き写すのではなく、それを元に自分自身の考えを含めた理由を具体的に書くこと。また、5文以上、かつ、各文5語以上の英語で答えること。

## New Club Members Wanted! Join us!!

### Tennis Team

When : From Monday to Friday

Where : Tennis court

What :

- ・ practice tennis
- ・ have matches at the city court on weekends

★Even if you have never played tennis before, you can enjoy it!

### Sado Club

When : Wednesday and Friday

Where : Tea room

What :

- ・ learn how to make *matcha*
- ・ sometimes eat Japanese sweets

★Some of the members join other clubs, too.

### Swimming Team

When : **[June-September]**

→ From Monday to Friday

**[October-May]**

→ Tuesday, Thursday and Saturday

Where : Swimming pool

What :

- ・ summer → swim at the school pool
- ・ winter → run around the school → swim at the city pool (only on Saturdays)

★We were the city champions last year.

### Photo Club

When : Saturday or Sunday

Where : Many places

What :

- ・ take pictures
- ・ go to parks, zoos, rivers, etc

★You can use the cameras of our club.

### Natural Science Club

When : Friday

Where : Science room

What :

- ・ \*observe nature and make reports
- ・ join a science contest every year

★If you are interested in science, our club is good for you!

\*注 observe : 観察する

問題は、次のページに続きます。

2022 年度 B

# 英 語 リスニング・テスト



△指示があるまでリスニング・テストの問題に進んではいけません。

## 注意事項

1. 問題はⅠからⅡまであります。
2. 放送される指示に従って解答を進めなさい。
3. 問題の指示と問題が放送で流れている間は放送に集中し、音を立てないようにしなさい。
4. リスニング・テストが終わったら、筆記テストの残りの問題を解答しなさい。

I. [1]～[4]まで、2人の対話が放送されます。それぞれの対話の最後の発話に対する応答として最も適切なものを、選択肢ア～エの中から1つ選び、記号で答えなさい。対話はそれぞれ1回だけ放送されます。

[1] 電話で

- ア. I'm afraid you have the wrong number.
- イ. Of course, you can leave a message.
- ウ. Yes, he will call me in the afternoon.
- エ. No, he hasn't. Will you call him later?

[2] 家電量販店で

- ア. I don't like coffee very much.
- イ. Do you want to drink coffee at home?
- ウ. So you're thinking of buying it, right?
- エ. That's good. How much is it?

[3] バスの案内所で

- ア. It will arrive at 6 o'clock. It's better for you to take a train.
- イ. That was the last bus for today. You have to walk to the main street and take another bus.
- ウ. We'll get on the bus at 1:30. Then we'll arrive at Sakura Station by 2 o'clock.
- エ. I'm afraid she won't come. She likes trains better than buses.

[4] 家庭で

- ア. Around 3 o'clock. So you don't have to wait for me.
- イ. It's eleven thirty. I have to leave now.
- ウ. I'd like a cheeseburger. Why don't we go out for lunch?
- エ. OK. I bought some eggs and milk at the supermarket.

Ⅱ.〔1〕～〔4〕まで、短い文章や対話が放送されます。文章や対話のあとに放送される質問の答えとして最も適切なものを、選択肢ア～エの中から1つ選び、記号で答えなさい。文章や対話、それについての質問はそれぞれ2回放送されます。

〔1〕

- ア. She has a lot of friends in Singapore.
- イ. She studies Chinese history at the university.
- ウ. She speaks both English and French.
- エ. She came to Japan at the age of six.

〔2〕

- ア. At the south gate.
- イ. In “Cute Animals Park.”
- ウ. In “Savanna World.”
- エ. Next to the shop.

〔3〕

- ア. Get up early.
- イ. Make *okayu*.
- ウ. Cook *udon*.
- エ. Take some medicine.

〔4〕

- ア. At 8:30.
- イ. At 9:00.
- ウ. At 11:00.
- エ. At 12:00.

