

2022年度 入学試験 学特入試 I

英 語

※問題は[1]ページから[17]ページまであります。

※マークシートに、受験番号・氏名・性別・科目を正しく記入してください。

※解答は、すべてマークシートに記入してください。

※書き誤りをしたときは、きれいに消してから、新しい解答を書いてください。

学 特 入 試 I	受 験 番 号		氏 名	
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高崎健康福祉大学高崎高等学校

1. 次のコスタリカ (Costa Rica) に住む学生がエコツーリズム (Eco-tourism) について書いた英文を読んで、あとの問いに答えなさい。

I live in Costa Rica. Costa Rica is a small country in *Central America. Many kinds of animals and plants live here because there is a lot of nature. How can we protect this environment? There are several ways to do it, but I want to talk about one of them, eco-tourism. Eco-tourism is great because it protects the environment and makes work for people. What kind of work does it make? *Local people can be tour guides, and they can show the tourists around the beautiful *rainforests. Here are (1)two examples of eco-tourism.

When tourists come to our country, they often visit rainforests. They enjoy seeing many trees and *wild animals. I'm (2) that many people want to visit the rainforests, but we need to protect them. It's not good for the ground around trees if many people walk on it. So, bridges were built in the rainforests. People use the bridges when they walk around the trees.

There is another popular thing for tourists. It's *sea turtles. Every year, a lot of sea turtles come to the beaches of Costa Rica. They come here to *lay eggs. Many visitors are interested in seeing these sea turtles, but they sometimes leave trash. Local people clean the beaches for the turtles. They also protect the eggs and baby turtles from dogs. As a part of protecting the beaches, people can work as guides and (3).

I love my country, Costa Rica. I am very proud to be from this country. All my friends and family take care of the environment because we know it's important for all of us. I studied about eco-tourism at school and became interested in learning more about it.

We welcome all the tourists here in Costa Rica. Most people are very kind to nature. However, we sometimes see some people who don't respect nature. Both of my parents work as tour guides. They told me that they felt so sad when they saw people leave their trash in the rainforests or on the beaches. My mother said that those people should realize that the rainforests and beaches are (4) to some animals.

I believe there are ways for people and nature to live together. If we protect the environment, nature will give us work and much more such as beautiful views, food, and happiness. We will lose our rainforests, sea turtles and other wild things if we don't protect the environment. I hope that people and nature can live *in harmony and I want to find good ways for that. So I will keep learning about eco-tourism.

(注) Central America 中央アメリカ local 地元の rainforest 熱帯雨林
wild 野生の sea turtle ウミガメ lay ～ ～を産む
in harmony 調和して

(1) 下線部(1)の具体的な内容として最も適当なものを、①～④のうちから一つ選び、その番号をマークしなさい。

1

- ① 熱帯雨林の案内をすることと、ウミガメの捕獲をすること。
- ② 熱帯雨林に住む野生動物の世話と、ウミガメの保護のためビーチの清掃をすること。
- ③ 熱帯雨林の案内をすることと、ウミガメの保護のためビーチの清掃をすること。
- ④ 熱帯雨林に住む野生動物の世話と、ウミガメの捕獲をすること。

(2) (2) と (4) に入るものの組み合わせとして最も適当なものを、①～④のうちから一つ選び、その番号をマークしなさい。

2

- ① (2) glad (4) trips
- ② (2) glad (4) homes
- ③ (2) afraid (4) trips
- ④ (2) afraid (4) homes

(3) (3) に入る最も適当なものを、①～④のうちから一つ選び、その番号をマークしなさい。

3

- ① show tourists how to use the beaches
- ② ask tourists to walk on the bridges
- ③ want tourists to keep learning about eco-tourism
- ④ show tourists how to learn about eco-tourism

(4) 本文の内容に合うように、次の下線部に入る最も適当なものを①～④のうちから一つ選び、その番号をマークしなさい。

4

Eco-tourism makes work for local people while _____ .

- ① sea turtles lay eggs at the beaches
- ② people visit the rainforests
- ③ it protects the environment
- ④ we lose our rainforests and other wild things

(5) 本文の内容に合っているものを, ①～④のうちから一つ選び, その番号をマークしなさい。

5

- ① Tourists from other countries always protect the environment in Costa Rica.
- ② It's good for the ground around trees in the rainforests if many people walk on it.
- ③ We will lose our rainforests, sea turtles and other wild things if we protect the environment.
- ④ The writer would like to find good ways for people and nature to live in harmony.

問題は次のページにつづく。

2. 次の自然界に存在する知恵 (the wisdom of nature) に関する英文中の (1) ~ (5) に入る最も適当なものを, ①~④のうちから一つずつ選び, その番号をマークしなさい。

Have you ever wanted to fly like a bird? We know that birds use their wings to fly, but how? People studied how birds do so and *copied the way when they first designed a flying machine. How can people learn a lot from things in nature?

Scientists (1) when they need an idea of new products and technologies. It is natural for them to do so. First of all, we can learn a lot from fish. They teach us many shapes to move *smoothly. For example, Shinkansen and cars move smoothly. They have a *similar look called a *streamlined shape. The streamlined shape comes from the shape of fish. The *objects can (2) if they have a streamlined shape. Some designs of bicycle *helmets have a streamlined shape, too. Bicycle riders can ride fast if they wear a helmet with a streamlined shape.

Secondly, plants are also great teachers to us. We can learn a lot about ways to take care of ourselves. For example, *lotus leaves have a special way to keep themselves clean. Each lotus leaf is covered with thousands of very small hairs. They all point in one *direction. When it rains, these small hairs *prevent water from staying on the leaves. So the leaves can keep clean. (3)? It's found on umbrellas and clothes. Our lives became better because we could learn this way from nature.

We have used the wisdom of nature in space. For *satellites, we need very large *panels for energy and other uses. (4). Mr. Miura, a Japanese scientist thought of an idea to solve this problem. He thought it was a good idea to *fold large panels until they became small enough to be carried. The folded panels opened easily after they were carried to space. Mr. Miura later learned that *beetles use a very similar way. They have soft wings inside of hard wings. They open up the hard wings, and then they open the soft wings when they fly. The soft wings are large when they are open.

All living things have developed special ways of living to make their lives easier and better. Humans have studied many of their ways. It's not always easy. (5). Sometimes objects are too small for humans to find. Humans think of an idea and later find a similar one in nature just like the example of the design of the satellite. *As you can see, the wisdom of nature is wonderful. How much more can we learn from nature in the future? It's very exciting to think about that.

(注) copy ~ ~を真似する	smoothly なめらかに	similar 似ている
streamlined 流線型の	object 物体	helmet ヘルメット
lotus ハス (植物)	direction 方向	
prevent ~ from ...ing ~が...するのを防ぐ		satellite 衛星
panel パネル	fold 折りたたむ	beetle カブトムシなどの甲虫
as ~ ~するように		

- (1) ① never use things in nature 6
- ② mustn't think about things in nature
- ③ often look at things in nature
- ④ sometimes protect things in nature
-
- (2) ① move smoothly but can't move quickly 7
- ② move not only smoothly but also quickly
- ③ teach how to move the most slowly
- ④ teach how to swim much faster
-
- (3) ① Where can we see this around us 8
- ② How do we find thousands of small hairs
- ③ Why do lotus leaves have to stay clean
- ④ When will lotus use this in the future
-
- (4) ① So, it is very easy to carry them to space 9
- ② However, it is very difficult to carry them to space
- ③ But satellites are carried to space by using the wisdom of nature
- ④ And we don't need to use large panels for energy and other uses
-
- (5) ① Usually, many of them are very simple to copy 10
- ② But we can copy most of them easily
- ③ All of them are too difficult for humans to copy
- ④ Some are so difficult that humans can't copy them

3. 次の手塚治虫（Osamu Tezuka）に関する英文中の (1) ～ (5) に入る最も適切なものを、①～④のうちから一つずつ選び、その番号をマークしなさい。

Japanese manga is very popular all over the world. Osamu Tezuka is one of the most (1) manga artists. He once explained why people enjoyed Japanese manga. “It’s because manga is a *universal language. If I draw a circle with eyes and nose in it, anyone will know it’s a face. I don’t have to use Japanese or any other languages. Manga is a great way to share different cultures.”

Tezuka loved to collect and draw *insects when he was a child. Among all insects, he liked *Osamushi* the best. He told his friends that his name was *Osamushi*.

World War II started when he was a junior high school student. He still liked drawing pictures of insects. He started drawing comics, too. His friends loved his manga.

Tezuka joined the *military training when he was a little bit older. He became sick and (2) for a while. He saw many doctors and nurses while he was there. When he got better, he wanted to become a doctor.

After World War II, Tezuka went to *medical school to be a doctor. As part of his *research, he was trying to catch a butterfly one day. He needed to kill it, but he couldn’t. He realized every life was very important, even if it was a small insect like a butterfly. He (3) collecting insects after that day.

Tezuka’s first comic book was **New Treasure Island*. It came out when he was still in medical school in 1947. The comic book was a big *success. He created more comic books such as **The Jungle Emperor*, a story of a white lion, and **Astro Boy*, a story of a robot boy. Then he wanted to become a manga artist, not a doctor.

At first, some people thought comics weren’t very (4) for young people. Later, however, they started realizing that comics became a part of Japanese culture, and it was necessary. Tezuka’s *Astro Boy* became the first Japanese anime on TV in 1963, and it became very popular. TV became a bigger part of people’s lives.

Tezuka died at 60 in 1989. We can still see Tezuka’s comics and movies. His works never stop (5) people dreams, hope, and *courage to live.

- | | | |
|------------------------|---------------------------|--------------------------------|
| (注) universal 世界共通の | insect 昆虫 | military training 軍隊の訓練 |
| medical 医療の | research 調査 | <i>New Treasure Island</i> 新宝島 |
| success 成功 | <i>The Jungle Emperor</i> | ジャングル大帝 |
| <i>Astro Boy</i> 鉄腕アトム | courage to ～ ～する勇氣 | |

(1)	① rich	② kind	③ necessary	④ famous	11
(2)	① had to be in a hospital	② decided to build a hospital			
	③ went back to school	④ he felt good			12
(3)	① began	② stopped			
	③ got interested in	④ was very good at			13
(4)	① excited	② good	③ dangerous	④ expensive	14
(5)	① having	② taking	③ giving	④ asking	15

4. 次の(1)～(5)について、それぞれあとの質問の答えとして最も適当なものを、①～④のうちから一つずつ選び、その番号をマークしなさい。

- (1) Mako and Bill became friends when Mako studied in America. They sent each other an e-mail.

Hi, Mako,

How are you? I still remember we had a great time last summer. We went to the beach and played volleyball. It was a lot of fun.

I have exciting news. I am going to Osaka and will go to high school there next year! Is Osaka near your city? I want to learn more about Japan before I go.

Bill

Hi, Bill,

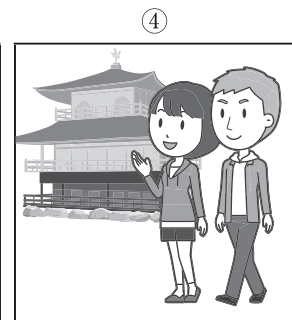
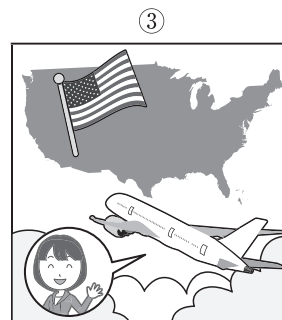
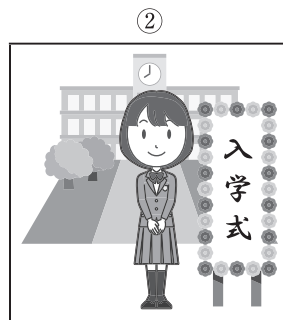
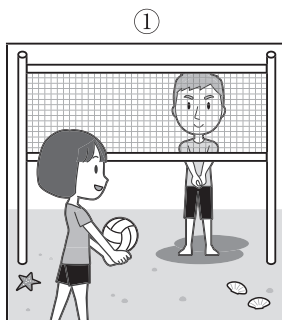
Thank you for your e-mail. I was so glad to receive it!

Wow, you are coming to Osaka next year! That's great news! I am excited. It takes about fifteen minutes from my town to Osaka by train. We can see each other a lot! We can visit Kyoto together, too. There are many old buildings there. You will like them.

Mako

Question : What does Mako want to do next year?

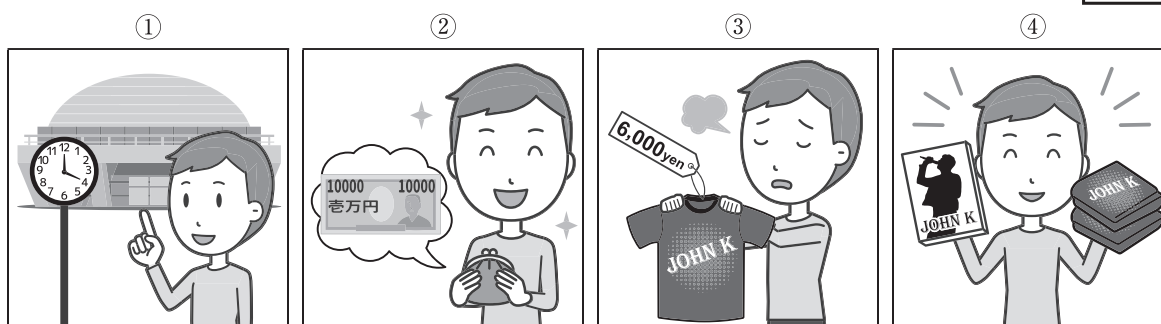
16



- (2) Atsushi is a big fan of singer John K. The concert was held for three days from Friday, May 28th to Sunday, May 30th. Atsushi went to the concert with his brother on the first day. The concert started at 6 p.m., but Atsushi arrived at the concert hall an hour before because he wanted to buy some things. He took ten thousand yen. He bought two towels at the first shop. They were two thousand and two hundred yen each. He wanted to buy a T-shirt, but it was six thousand yen. He looked at different shops and bought a special photo book. It was three thousand and five hundred yen.

Question : Which picture is NOT true about Atsushi?

17



- (3) Natsuki and Emma are talking at a Japanese traditional *craft fair. There are four *workshops.

Japanese Traditional Craft Fair

Togei
(Tea cups)
10:00-11:30



Edo Kiriko
(Glassware)
10:30-12:00



Tokyo Yuzen
(Painted Japanese kimono)
13:00-14:30
17:00-18:30



Takezaiku
(Bamboo baskets)
10:30-12:00
15:00-16:30



Natsuki: It's ten fifteen now, Emma. I don't know which one we should visit first.

Emma: I am interested in *Tokyo Yuzen*. I want to see the beautiful *kimono*.

Natsuki: OK, but that workshop won't start until one o'clock. We have a lot of time before then.

Emma: You're right. The *Togei* workshop has already started, so we can't enter the room.

Natsuki: Well, two workshops start at ten thirty. I'm interested in both.

Emma: I think we should go to the *Edo Kiriko* workshop because they do it only one time. What do you think?

Natsuki: I see. We can visit the *Takezaiku* workshop after we go to the *Tokyo Yuzen* workshop.

Emma: That's right. We can have lunch before the *Tokyo Yuzen* workshop. OK. Let's enjoy the three workshops.

(注) craft fair 工芸展 workshop 発表会

Question : Which workshops will they visit?

18

- | | | | | | |
|---|-------------------|---|--------------------|---|--------------------|
| ① | <i>Togei</i> | → | <i>Edo Kiriko</i> | → | <i>Tokyo Yuzen</i> |
| ② | <i>Togei</i> | → | <i>Tokyo Yuzen</i> | → | <i>Takezaiku</i> |
| ③ | <i>Edo Kiriko</i> | → | <i>Tokyo Yuzen</i> | → | <i>Takezaiku</i> |
| ④ | <i>Edo Kiriko</i> | → | <i>Takezaiku</i> | → | <i>Tokyo Yuzen</i> |

- (4) Minako wrote on her SNS page. Her classmates, Eri and Matt wrote their messages, too.

Minako

I gave a speech about the music of Okinawa in English today. I practiced a lot, but I was worried when I started my speech. What did you think about my speech?

Eri

I've never listened to such a wonderful speech. I could learn a lot about the music of Okinawa. Thank you, Minako!

Minako

Thank you so much, Eri! Mr. Brown asked me to do the speech in front of all the students in school next week. I will practice more.

Matt

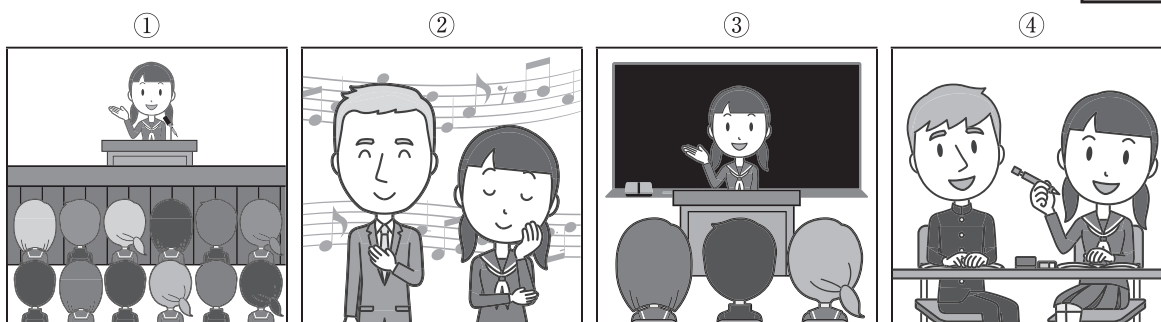
It was a good speech, Minako, but I couldn't understand some parts well. Shall I help you when you practice before you do the speech next week?

Minako

You are very kind, Matt. Yes, please teach me English tomorrow. I want to do it better next time.

Question : What is Minako going to do next week?

19



- (5) This is a poster for a welcome party.

Welcome Party for Students from Australia

Date: Thursday, January 14th
Time: 15:45 - 17:00
Place: Music room

Events: 1) Introduction of the school by English club
2) Music concert by the Music club
3) Performance by Flower arrangement club

▶ You can have some sweets. Cooking club will make them for the party.

▶ Please come to the English club if you can help us. We will start to prepare for it the day before at 16:00.

▶ Please send an e-mail to the English club if you want to come to the party by January 7th. We need to know how many students will join us before the party.

English club e-mail <englishclub@asahi.highschool.jp>

Question : What can we say about the welcome party?

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- ① The party will be held at the music room on the morning of January 14th.
- ② The students can eat sweets made by students from Australia at the party.
- ③ The students who will help the English club have to go there at 4 p.m. on January 7th.
- ④ The English club wants to know the number of students who will join the party.

5. 次の(1)~(10)の文中の ~ に入る最も適当な語句を、①~④のうちから一つずつ選び、その番号をマークしなさい。

(1) The number before one is nine hundred and ninety nine.

- ① hundred ② thousand ③ million ④ billion

(2) My family is going camping tomorrow. — That a lot of fun.

- ① was ② has ③ looks ④ sounds like

(3) Mike got angry and he left the room saying anything.

- ① without ② through ③ with ④ for

(4) I don't like this color. Could you show me one?

- ① other ② another ③ more ④ best

(5) I have two and three . Each of them has two children. That means I have ten cousins.

- ① A : sons B: daughters ② A : sons B: aunts
③ A : uncles B: aunts ④ A : uncles B: daughters

(6) The singer is becoming popular these days.

- ① much ② more and more ③ as ④ best

(7) They were really surprised that you lost the game.

- ① hear ② to hearing ③ heard ④ to hear

(8) If I good at English, I teach it to you.

- ① A : am B: can ② A : am B: could
③ A : were B: can ④ A : were B: could

(9) Could you tell me the way to the City Hall? — 29 I can show you the way.

① It's very kind of you.

② No problem.

③ Guess what.

④ Help yourself.

(10) I want you to A me B these books to the library.

30

① A : help B: read

② A : ask B: read

③ A : help B: carry

④ A : ask B: carry

6. 次の(1)～(5)の日本語の意味を表す英文になるように、()内の英語を並べかえ、それぞれの に当てはまる番号をマークしなさい。ただし、文頭にくるものも小文字で始めてある。

(1) 動物園への行き方を教えてもらえますか。

(① the zoo / ② we / ③ to / ④ can / ⑤ get / ⑥ how)?

31 32 33 34 35 36 ?

(2) 先週からずっと雨が降り続いています。

(① last / ② raining / ③ has / ④ since / ⑤ been / ⑥ it) week.

37 38 39 40 41 42 week.

(3) ミスをすることを恐れてはいけません。

You (① making / ② not / ③ be / ④ of / ⑤ must / ⑥ afraid) mistakes.

You 43 44 45 46 47 48 mistakes.

(4) 山田先生が何の教科を教えているのか私は知りません。

I (① subject / ② what / ③ don't / ④ teaches / ⑤ know / ⑥ Mr. Yamada).

I 49 50 51 52 53 54 .

(5) 今週末に何かしなければいけない重要なことはありますか。

(① there / ② do / ③ to / ④ is / ⑤ important / ⑥ anything) this weekend?

55 56 57 58 59 60 this weekend?

