

平成31年度

奈良県公立高等学校入学者特色選抜学力検査問題

英 語

注 意

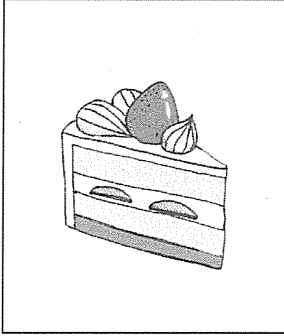
- 1 指示があるまで開いてはいけません。
- 2 解答用紙には，受検番号を忘れないように書きなさい。
- 3 解答用紙の※印のところには，何も書いてはいけません。
- 4 答えは必ず解答用紙に書きなさい。

1 放送を聞いて、各問いに答えよ。

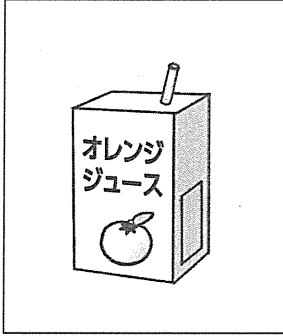
(1) ①～③の会話の内容についての質問に対する答えとして最も適切なものを、それぞれア～エから1つずつ選び、その記号を書け。

①

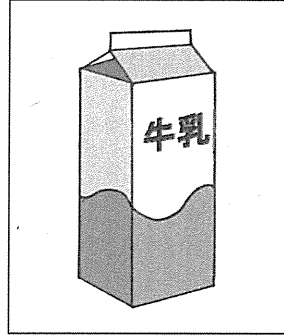
ア



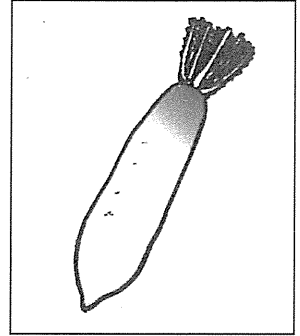
イ



ウ

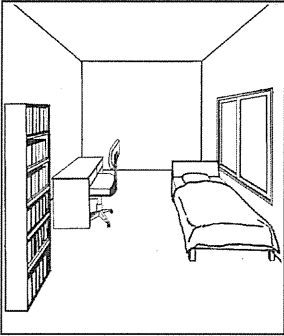


エ

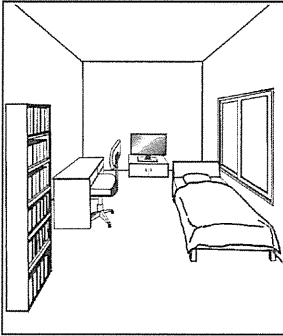


②

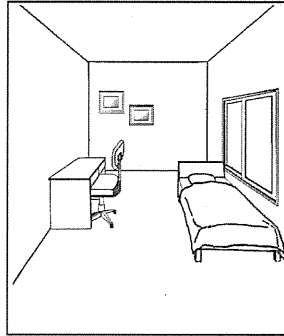
ア



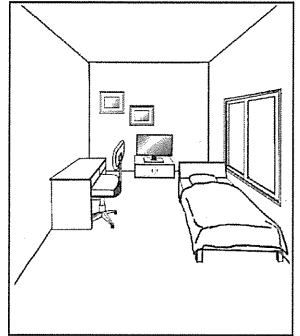
イ



ウ

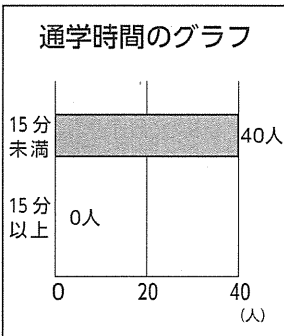


エ

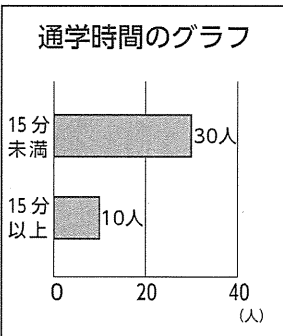


③

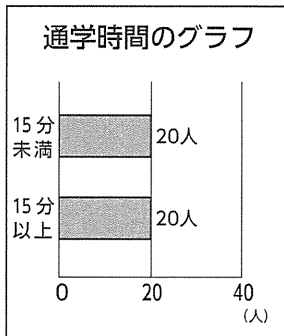
ア



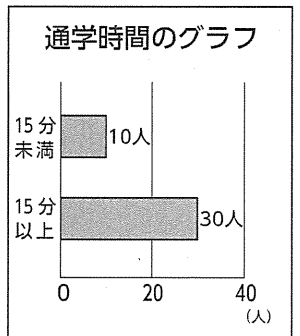
イ



ウ



エ



(2) 聞き取った英語の内容についての質問①、②に対する最も適切な答えを、それぞれア～エから1つずつ選び、その記号を書け。

① ア She sang songs with many singers.

イ She visited the museum with Meg.

ウ She taught English at Meg's school.

エ She came back to Japan.

② ア December 31.

イ January 2.

ウ February 3.

エ February 5.

2 次の会話で、あなたが Haruko なら Mr. Smith にどのように答えるか。□に入る英語を10語程度で書け。ただし、1文または2文で書き、コンマやピリオドなどは語数に含めないこと。

Mr. Smith is an English teacher at Haruko's high school.

Mr. Smith: Please tell me about your town.

Haruko: □

Mr. Smith: I see. Thank you very much.

3 次の英文を読んで、各問いに答えよ。

Takeshi and Ann are high school students. Ann came to Japan from the United States last month, and she goes to Takeshi's school. Now they are eating lunch.

Ann: You have a nice lunch box, Takeshi. It's so cool.

Takeshi: This is a bamboo lunch box. My grandfather made it.

Ann: So nice!

Takeshi: He is seventy years old, and lives in the countryside. There are many bamboo groves in his village.

Ann: Does he only make lunch boxes?

Takeshi: No. He also makes baskets and bags. He started making bamboo goods when he was sixty. There are a lot of bamboo goods in his house.

Ann: I want to see his bamboo goods. I think it is difficult to make bamboo goods.

Takeshi: Bamboo is straight, but we can bend it easily. So it's easy for us to use bamboo to make goods. We use bamboo in many ways.

Ann: Really? If you use a lot of bamboo, I think it will disappear in the future.

Takeshi: □ Bamboo grows so fast. I don't think it will disappear in the future.

Ann: Do you use bamboo only for making handicrafts?

Takeshi: No. We make bamboo paper and clothes in Japan.

Ann: Bamboo paper and clothes? I have never seen them.

Takeshi: These days, we are also trying to use bamboo in the medical field.

Ann: Wow! Bamboo is so wonderful, and you know many ways to use bamboo in Japan.

Takeshi: Yes. Oh, I will visit my grandfather next Sunday. You will see how he makes bamboo goods. Do you want to come with me?

Ann: Of course.

(注) bamboo:竹 countryside:田舎 bamboo grove:竹やぶ basket:かご goods:品物
straight:まっすぐな bend:曲げる disappear:消える handicraft:手工芸品 medical field:医療分野

(1) 文脈に合うように、□に入る最も適切な英語を、次のア～エから1つ選び、その記号を書け。

ア Don't worry. イ I have no idea. ウ That's right. エ Sure.

(2) 本文で述べられている竹の利用について以下のようにまとめたとき、(あ)、(い)に入る最も適切な英語を、後のア～エからそれぞれ1つずつ選び、その記号を書け。

People in Japan use bamboo in many ways. We can make bamboo boxes, paper and so on.

It is easy for us to make bamboo handicrafts because bending bamboo is not (あ).

Bamboo is so (い).

ア busy イ fast ウ difficult エ useful

(3) 次の問いに、それぞれ3語以上の英語で答えよ。ただし、コンマやピリオドなどは語数に含めないこと。

(a) Does Takeshi live with his grandfather?

(b) How long has Takeshi's grandfather made bamboo goods?

4 次の英文を読んで、各問いに答えよ。

Do you know Margaret Hamilton? She was one of the members of NASA when human beings succeeded in landing on the moon for the first time. She made important computer programs then, and human beings succeeded in landing on the moon because of her programs.

When Margaret was a child, she liked to think about many kinds of questions, for example, math questions. She also thought about interesting ideas that nobody else considered.

One day, Margaret's father told her a story about the universe. She was very interested in his story and asked a lot of questions, for example, "How does the moon move?" and "Why do the stars shine?" Then she became interested in the universe.

One evening, when Margaret looked at the night sky, she had a question. "How many kilometers is it from the earth to the moon?" She solved the question by herself and learned that the distance between ①them is about 380,000 kilometers. She became very interested in math, and ②she also felt that every subject (at school, very important, taught, was).

Margaret still liked to think about things that nobody else considered, even after she grew up. At the time, people did not know much about ③(ア computers イ scientists ウ Margaret's father Ⅰ NASA's leaders) yet. Nobody else thought about making programs for weather forecasts and for planes flying through the clouds, but she studied computer programs and made those programs.

In 1964, Margaret heard of an exciting plan by NASA. It was the plan to send people to the moon. There were many problems with it, and everyone thought that it was very difficult. She was really interested in it and told NASA's leaders that she really wanted to work on it. She also told them that computers could help a lot with the plan. After Margaret started to work at NASA, she thought about possible ④ and made the programs to solve them.

In 1968, their spacecraft went around the moon. From the earth, Margaret helped the members of the spacecraft by using programs which she made. One year later, they finally sent a spacecraft for landing on the moon. She made ⑤(ア planes イ subjects ウ programs Ⅰ spacecrafts) for possible situations and put them into the computer in the spacecraft. When the members of the spacecraft tried to land on the moon, they suddenly got an error message on the computer in the spacecraft. Most of the members of NASA did not know how to solve this situation, but Margaret knew what they should do. She told the members of the spacecraft about it. They understood that they were safe, and human beings finally landed on the moon.

Margaret said, "When I started to work on programs at NASA, nobody knew what we were doing. Nobody could teach us about making programs." She was interested in many things around her and thought about things that nobody else considered. Because of her programs, human beings succeeded in landing on the moon.

マーガレット・
ハミルトンの
写真

マーガレット・ハミルトン
(Margaret Hamilton)

(注) NASA: アメリカ航空宇宙局 human beings: 人類 succeed in: ~に成功する land on: 着陸する
program: プログラム (コンピュータに対する命令) nobody: だれも~ない consider: ~のことを考える
universe: 宇宙 shine: 輝く become interested in: ~に興味をもつようになる solve: 解決する
by herself: 彼女自身で distance: 距離 weather forecast: 天気予報 cloud: 雲
work on: ~に取り組む possible: 起こりうる spacecraft: 宇宙船
error message: コンピュータが処理できないと判断したときに画面上に示されるメッセージ safe: 安全な

(1) 下線部①と同じ内容を示しているものを、次のア～エから1つ選び、その記号を書け。

- ア Margaret and the sky
- イ the earth and the moon
- ウ the moon and the star
- エ the stars

(2) 下線部②が正しい英語になるように、()内の語を並べかえて書け。

(3) 文脈に合うように、③、⑤の()内のア～エから、最も適切な語を1つずつ選び、その記号を書け。

(4) 文脈に合うように、に入る英語を、この段落の中から、1語で抜き出して書け。

(5) 本文のテーマとして最も適切なものを、次のア～エから1つ選び、その記号を書け。

- ア 仲間と協力することの意義
- イ 情報管理における心構え
- ウ 科学技術のめざましい進歩
- エ 未知のものに向き合う姿勢

(6) 本文の内容と合っているものを、次のア～カから2つ選び、その記号を書け。

- ア Margaret wanted to land on the moon when she was a child, and she finally succeeded in landing on the moon.
- イ The story which Margaret's father told her was so interesting that she became interested in the universe.
- ウ Margaret asked NASA's leaders to send people to the moon because nobody knew about the moon well.
- エ When Margaret started to work on computer programs at NASA, nobody could teach her about them.
- オ Margaret had a plan to send people to the moon when she was a child, and she showed it to NASA's leaders in 1964.
- カ Human beings tried to land on the moon in 1968, but they gave up because a big trouble happened.