

令和8年度

奈良県公立高等学校入学者一次選抜学力検査問題

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。

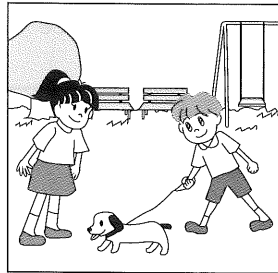
(1) ①, ②の英語の内容に合うものを、それぞれア～エから1つずつ選び、その記号を書け。なお、英語はそれぞれ1回ずつ流れる。

①

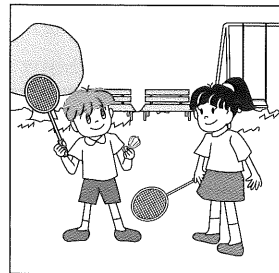
ア



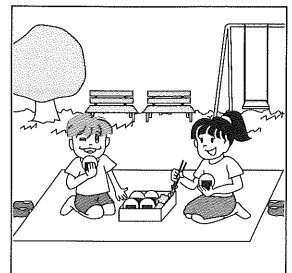
イ



ウ

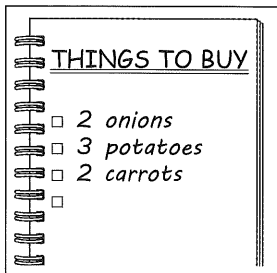


エ



②

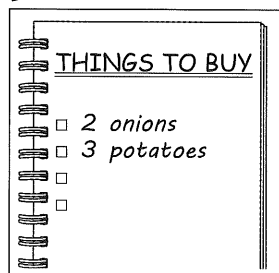
ア



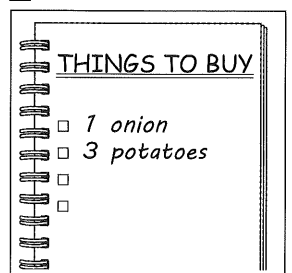
イ



ウ



エ



(2) ①, ②のそれぞれの会話の最後の応答にあたる部分に入る英語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。なお、会話はそれぞれ1回ずつ流れる。

① ア With my sister.

イ At a hotel in London.

ウ Since this spring.

エ For one week.

② ア May I try it on?

イ Shall I wrap it as a gift?

ウ Not at all.

エ I'm just looking.

(3) プレゼンテーションに含むべき内容として述べられていないものを、ア～オから1つ選び、その記号を書け。なお、英語は1回流れる。

ア 旅先へどの時期に行ったらよいか

イ どこへ旅に行ったらよいか

ウ 旅先で何をしたらよいか

エ 旅先へどうやって行ったらよいか

オ 旅先でどのような料理を食べたらよいか

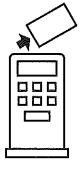
(4) 会話の内容についての質問に対する答えとして最も適切なものを、それぞれア～エから1つずつ選び、その記号を書け。なお、会話が2回流れた後、質問をそれぞれ2回ずつ行う。

- ① ア Someone bought them.
イ A staff brought his own umbrellas.
ウ They were left on trains or buses.
エ They were given by local people.
- ② ア A staff can't bring any more umbrellas.
イ The umbrellas are thrown away at the station.
ウ Many people buy new umbrellas and waste money.
エ Some people don't bring the umbrellas back.


- 2 次の□内は、留学生に食堂の使い方を示すために、TakeshiとMaryが作成しているポスターである。後の□内の英文は、それについて話している二人の会話である。各問いに答えよ。

🍴 How to Use the Cafeteria

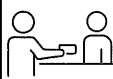
1 Buy a Meal Ticket
 Check the menu and prices on the vending machine.
 Put money into the machine, and then press the button for the food you want.
 Take your ticket. ()




3 Get Your Food
 Wait until your number is called.
 Pick up your food at the food counter.




2 Give Your Meal Ticket
 Give your ticket to the staff at the food counter. Remember the number on your ticket.



4 Find a Seat
 Take a seat and enjoy your meal.



5 Return Your Tray
 After eating, take your tray and dishes to the return counter.



Takeshi: Do you think we need anything else on the poster?
Mary: I heard many students forget to take their change. I also forgot once because I didn't press the change button. We should add a note about the button for their change.
Takeshi: Good idea. Let's do that.
Mary: Also, I think picture number 4 is not so clear. I want to make the person carry food. But the picture should be simple, so maybe we should remove the seat.
Takeshi: I see. It is better if the person has food. But I think we should keep the seat because the title of number 4 is "Find a Seat."
Mary: I agree. Then let's change the picture.

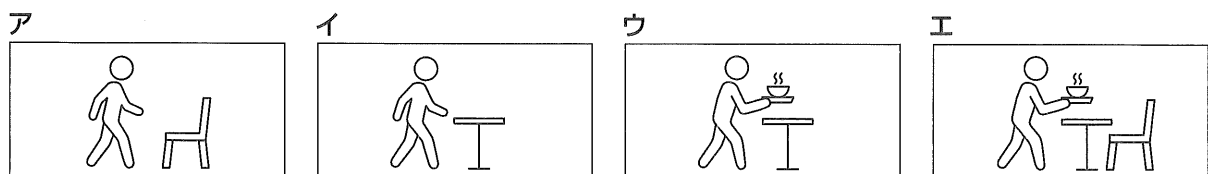
(注) vending machine: 自動販売機 press: 押す button: ボタン counter: カウンター tray: トレイ
 change: おつり

- (1) ポスターの内容について、次の問いに対する答えとして最も適切なものを、後のア～エから1つ選び、その記号を書け。

What should students do with the ticket after they buy it?

- ア They should keep it until they finish eating.
- イ They should give it to the staff at the food counter.
- ウ They should put it on a table and wait.
- エ They should keep it during class.

- (2) TakeshiとMaryは、ポスター内の()に英文を書き加えることにした。会話の内容をふまえ、その英文を解答欄に10語程度で書け。ただし、コンマやピリオドなどは語数に含めないこと。
 (3) TakeshiとMaryは、会話の内容のとおりポスター内の④のイラストを修正することにした。修正後のイラスト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。



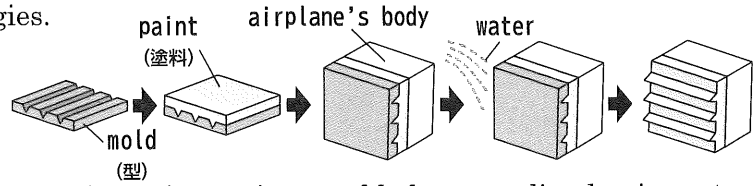
3

次の英文は、英語の授業で、高校生が調べて書いた記事である。各問いに答えよ。

Sharks' skin is rough and not smooth. Sharks have skin with many riblets, and these riblets help sharks swim faster and use less energy. Scientists have been trying to use this feature of shark skin in new technologies.

In Japan, researchers made a special coating for airplanes by using the riblet feature of shark

skin. To make this coating, paint for airplanes is put in a mold that can dissolve in water. The mold has many small riblets, and each riblet is about 0.1mm wide. Then the mold with the paint is put on the surface of an airplane. When the airplane is washed with water, the mold dissolves, and the paint stays on the airplane as a coating with riblets. The surface of the airplane looks smooth, but it has many small riblets.



These riblets help air move smoothly along the body of the airplane. With this coating, the airplane can fly with less resistance and less fuel. Flight experiments show a large airplane can save about two percent of fuel on long flights when it has this coating on the whole surface. For example, an airplane with this coating can save about 2,200kg of fuel and reduce about seven tons of carbon dioxide when it flies from Tokyo to London. The experiments showed even a small change in the airplane's surface can make a big difference for the environment.

Airplanes usually use a lot of fuel and create a lot of emissions, and people are worried that this will affect the environment. Researchers are trying to solve these problems, and the shark skin coating may be one of the ideas that supports this effort.

(注) shark:サメ skin:肌 rough:ざらざらした smooth:なめらかな riblet:極小の溝
coating:コーティング dissolve:溶ける surface:表面 smoothly:なめらかに resistance:抵抗
fuel:燃料 experiment:実験 carbon dioxide:二酸化炭素 emission:排出

(1) 英文の内容について、次の①、②の問いに対する答えとして最も適切なものを、それぞれ後のア～エから1つずつ選び、その記号を書け。

① What is the feature of the special coating for airplanes?

- ア It has many riblets on the airplane's surface.
- イ It is made from the paint using real shark skin.
- ウ It disappears when an airplane is washed with water.
- エ It keeps a mold on the airplane's surface after washing.

② How does the special coating affect airplanes?

- ア It helps airplanes land smoothly with less resistance.
- イ It helps airplanes save fuel and reduce carbon dioxide emissions.
- ウ It makes airplanes lighter by removing parts of the paint.
- エ It improves the safety of airplanes during long flights.

(2) この記事のタイトルとして最も適切なものを、次のア～エから1つを選び、その記号を書け。

- ア Paint Tests for Airplanes in Water
- イ Airplane Technology Inspired by Shark Skin
- ウ Strong Coating to Protect Airplanes
- エ Protecting the Environment with New Fuels

4 次の英文は、Sakuraが英語の授業で、スピーチをするために用意した原稿である。各問いに答えよ。
なお、英文の左側の [1] ~ [4] は各段落の番号を示している。

[1] How do you relax in your daily life? I relax by spending time with my dog. I have a dog named Maru, and I look forward to going home to see him after school every day. He always helps me relax and feel happy. Did you know dogs are used in hospitals and nursing homes to help people there relax? Those dogs are called therapy dogs. In this situation, therapy is special treatment that helps people feel better without medicine. I wanted to learn more about therapy, so I looked for some more examples.

[2] These days, robots are used for therapy. They are actually used instead of animals. Some robots move around like real animals and show friendly behavior. For example, they can communicate with people by moving their heads and making small sounds to answer people. Robots just need batteries. People don't need to give them food or walk them. With these robots, even people who have allergies and cannot touch animals can feel the comfort of animals. Also, people who are afraid of animals can feel safe. These robots are actually used in hospitals and nursing homes to help people reduce stress and encourage them to communicate.

[3] Reading also works as a kind of therapy. This is called bibliotherapy. A lot of research shows that reading helps people. For example, according to some research, reading reduced stress levels more than other ways of relaxing. Other research showed that people who read books for about 30 minutes a day lived longer than people who didn't read. In 2013, the U.K. started a medical system to give books to patients with mental health problems instead of medicine. The best book for each patient is chosen after checking their condition. Reading helps the patients relax, reduce stress, and feel better.

[4] These kinds of therapy have one clear goal. It is to help people stay healthy and feel good. They also show us good ways to relax in our daily lives. Which kind of therapy are you interested in? Thank you for listening.

(注) nursing home: 介護施設 therapy: セラピー treatment: 治療 behavior: 行動 battery: 電池
allergy: アレルギー comfort: 安らぎ stress: ストレス bibliotherapy: ビブリオセラピー
mental: 精神的な

(1) 段落 [1] の内容について、次の問いに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。

How does Sakura relax in her daily life?

(2) 段落 [3] で述べられている内容として適切なものを、次のア~エから1つ選び、その記号を書け。

ア Bibliotherapy is a therapy to encourage people who don't like reading to read more.

イ Research showed reading a story for 30 minutes a day improved people's reading speed.

ウ Doctors in the U.K. tell patients to enjoy reading books after taking medicine.

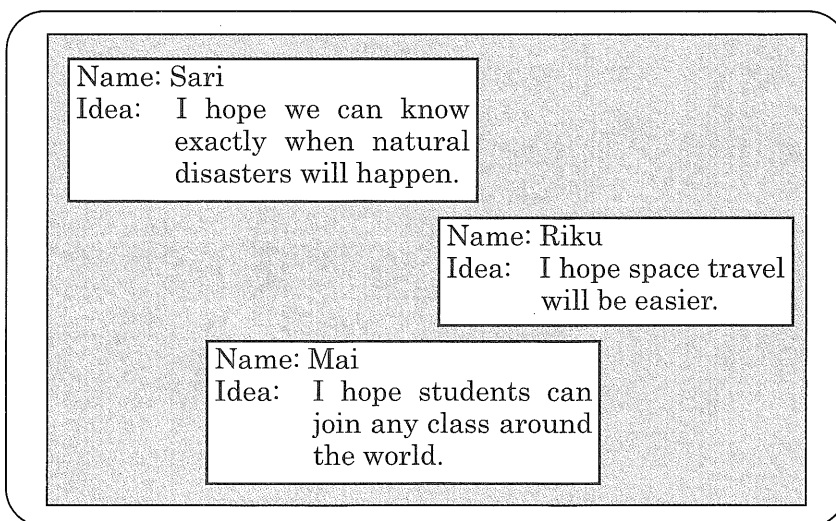
エ Reading is used for people with mental health problems to become healthy in the U.K.

(3) 次の 内は、Sakuraのスピーチの内容について、クラスメートのMaryがコメント (comment)を書いたものである。(①), (②)に入る最も適切な英語を、それぞれ後のア~エから1つずつ選び、その記号を書け。

Your name	Mary
Speaker	Sakura
Comment	Thank you for your interesting speech. You made your speech easier to understand (①). At first, I was wondering how robots give us comfort. But as you said in your speech, their behaviors are like real animals, and (②). I think it's nice for us to have different ways to be healthy without using medicine.

- ① ア by giving positive and negative points of robots
 イ by giving some examples of therapy
 ウ by explaining about the old history of therapy
 エ by explaining about your own reading experience
- ② ア they can communicate with people by using a computer to send messages
 イ people can enjoy feeding them and walking them
 ウ they are helpful for people who cannot or don't want to touch real animals
 エ they are as safe as real animals when people touch them

5 あなたは英語の授業で、「2050年の社会や生活において、どのようなことができるか」というテーマにグループで話し合うことになった。次のイラストは、あなたのグループが話し合いの前に、各自の考えを共有している学習者用端末の画面を示したものである。各問いに答えよ。



- (1) 与えられたテーマについて、あなたはどのような考えを述べるか。グループの生徒が出した3つの考えとは異なる内容の考えを、10語程度の英語で書け。ただし、コンマやピリオドなどは語数に含めないこと。
- (2) グループで共有した考えをもとに話し合う場面では、あなたはどのような意見を述べるか。グループの生徒が出した3つの考えのうち、1つの考えに対するあなたの意見を20語程度の英語で書け。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。

