

令和7(2025)年度  
編入学・転入学

英語専攻  
専門試験

問題1 次の英文を読み、下の問いに答えなさい。

A Fruit from a Different Time

The avocado grows on trees in warm countries like Mexico and Brazil. On the outside, avocados are dark, but on the inside they are bright green and have a large seed in the center. People enjoy eating them in salads or in other dishes. Because avocados are not sweet, many people think they are vegetables. However, according to scientists, they are a type of fruit since they have a seed inside.

The fruit and seed are important for plants such as avocados. When animals eat a fruit, they usually eat its seeds, too. They carry the seeds around in their stomachs. This is how seeds are spread from one place to the next. However, the avocado has a large seed that is too big for modern animals to eat. Daniel Janzen, a biology professor at the University of Pennsylvania, wanted to find the reason for this. In ancient times, there were huge elephants and horses. Janzen found out that these large animals ate avocados and spread the seeds around Central and South America.

Around 13,000 years ago, though, these large animals all died, so avocado seeds were not spread by them anymore. Then, around 10,000 years ago, a group of humans moved to these areas and began eating avocados. They enjoyed the taste, and soon, they started growing them on farms. Over time, avocados became one of the most important foods in Central and South America.

There are now over 500 types of avocados grown around the world. However, the Hass avocado is the most common. It was first grown in California by a man named Rudolph Hass. His avocado trees were popular because the avocados tasted good and each tree grew a large number of avocados. As a result, many farmers started to grow his trees. Now, around 80 percent of all avocados that are grown around the world are Hass avocados.

問1 (1)から(4)までの質問に対して最も適切なもの、または文を完成させるのに最も適切なものを1, 2, 3, 4の中から一つ選び、その番号を答えなさい。

(1) What do many people believe about avocados?

1 They should eat ones that are dark on the inside.

- 2 They should buy ones that are grown in Mexico and Brazil.
- 3 They think that they are vegetables because of their taste.
- 4 They think that their seeds are too big to be eaten in salads.

(2) Daniel Janzen discovered that

- 1 plant seeds are spread by the animals that eat them.
- 2 large animals used to spread avocado seeds.
- 3 elephants and horses prefer seeds to vegetables.
- 4 many modern animals enjoy eating fruit with large seeds.

(3) What happened around 10,000 years ago?

- 1 Large animals stopped eating avocados.
- 2 Humans began to produce avocados for food.
- 3 The avocado plant was brought to Central and South America.
- 4 Many animals died because they had trouble finding food.

(4) What is true about the Hass avocado?

- 1 It does not taste as good as other types of avocados.
- 2 It is the most popular type of avocado.
- 3 Its tree can only be grown in California.
- 4 Its trees cannot produce as many avocados as other trees.

問題2 次の英文を読み、下の問いに答えなさい。

### Salt Solution

In places with cold winters, snow and ice can cause traffic accidents. To prevent them, salt is often spread on roads in winter. This is done because salt allows ice to melt at temperatures lower than 0°C. For example, a 10 percent salt-water mixture lowers the melting temperature of ice from 0°C to minus 6°C. A 20 percent mixture lowers this temperature further to minus 16°C. However, using salt in this way ( 5 ). Cars, roads, and even the natural environment can be damaged by salt.

Research has shown that when salt is used on roads, it ( 6 ). Instead, it is carried into the ground by the melted ice. Much of the salt ends up in lakes and rivers where it can harm underwater plants, fish, and other creatures. High levels of salt can, for example, reduce the size of baby fish by up to one-third. Moreover, salt can lead to an increase in bacteria which not only harm underwater species but also affect the water that people drink.

To avoid these problems, natural alternatives to salt are being tested. One idea has been to use juice from vegetables called beets to melt ice. However, although beet juice is natural, (A)it reduces the amount of oxygen in lakes and rivers, which makes it hard for plants and fish to survive. This is not an easy problem to solve, but researchers are continuing to try different ways to melt ice. ( 7 ), they will be able to find a substance that can help prevent traffic accidents but does not damage the environment.

問1 (5)から(7)までの( )に入れるのに最も適切なものを1, 2, 3, 4の中から一つ選び、その番号を答えなさい。

(5)

- 1 changes its flavor
- 2 is quite common
- 3 has unwanted effects
- 4 can be wasteful

(6)

- 1 soon turns into a gas
- 2 is eaten by animals
- 3 cannot be replaced
- 4 does not just disappear

(7)

- 1 In reality
- 2 With luck
- 3 Like before
- 4 By then

問2 下線部(A)を日本語に訳しなさい。

問題3 次の英文を読み、下の問いに答えなさい。

### A New Type of Chocolate

Chocolate is one of the most popular foods in the world, and more and more of it is consumed every year. Recent research has shown that chocolate can have good effects on people's health. However, chocolate also contains ingredients, such as fat and sugar, which can be harmful. This means that eating a lot of chocolate is not good for you. Recently, though, a team of scientists at the University of Warwick in the United Kingdom has come up with a way to replace fat in chocolate without affecting the taste.

The reason that traditional chocolate has so much fat in it is that the fat is needed to keep all the ingredients combined together. Chocolate usually consists of cocoa powder, cocoa butter, fat from milk, sugar, and water. These ingredients separate easily. Therefore, extra fat is added to keep all these different ingredients together. The fat also creates the smooth feeling of chocolate. The team of scientists, though, has found a new and much healthier way to keep the ingredients of chocolate together.

In this method, first, fruit juice, which is healthier than fat, is converted into tiny bubbles. These are then mixed with the other ingredients in order to hold them all together. According to the leader of the team, Stefan Bon, it is possible to replace up to 50 percent of the fat with fruit juice in this way. The method can be used with dark, milk, or white chocolate, and the fruit juice maintains the feeling of chocolate in the mouth. So far, the team has been able to use cranberry, orange, and apple juice.

Of course, fruit-flavored chocolate has been available for some time. (A) This time, though, the aim is not to improve the flavor of the chocolate but to make it healthier. More recently, the scientists have found that it is possible to replace the fruit juice with water and vitamin C in order to maintain a purely chocolate flavor. Even with the new method, chocolate will continue to have fat and sugar, so people should be careful not to eat too much. The new method, however, will make it much healthier than before.

問1 (8)から(11)までの質問に対して最も適切なもの、または文を完成させるのに最も適切なものを1, 2, 3, 4の中から一つ選び、その番号を答えなさい。

(8) The chocolate developed by a team of scientists at the University of Warwick

- 1 has become the most popular type of chocolate in the world.
- 2 has more sugar but less fat than most types of chocolate.
- 3 tastes good but is healthier to eat than traditional chocolate.
- 4 helps people who dislike the flavor of traditional chocolate.

(9) Why is extra fat added to traditional chocolate?

- 1 To add a harder feeling to some types of chocolate.
- 2 To improve the taste of the milk used in chocolate.
- 3 To reduce the amount of sugar that is necessary.
- 4 To prevent the various ingredients from separating.

(10) What has the team of scientists discovered?

- 1 A type of fruit juice that can be added to chocolate to improve its taste.
- 2 A way to make chocolate that maintains the sweet flavor of fruit juice.
- 3 Up to half of the fat in chocolate can be replaced with fruit juice.
- 4 Fruit juice can be added to traditional chocolate to make it harder.

(11) The team of scientists has found that

- 1 adding vitamin C to chocolate can make it even healthier than adding fruit juice alone.
- 2 water and vitamin C can be used to make chocolate healthier without changing the taste.
- 3 the combination of fat and sugar in chocolate is the main reason that people enjoy eating it.
- 4 chocolate that tastes like fruit is naturally healthier than other types of chocolate.

問2 下線部(A)を日本語に訳しなさい。

問題4 ( )に入れるのに最も適切なものを1,2,3,4の中から1つ選び、その番号を答えなさい。

- 1 This weekend, Brian will go to the town ( ) he grew up. He is going to meet some of his old friends there.  
1. when                      2. where                      3. why                      4. how
- 2 Ashley lives near an airport, so airplanes often fly ( ) her house.  
1. with                      2. to                      3. over                      4. in
- 3 Monica was late for her date with Alan yesterday. He ( ) for an hour by the time Monica arrived at the café.  
1. waits                      2. had been waiting                      3. is waiting                      4. would wait
- 4 A: There are three movies on TV tonight, but ( ) of them look very interesting.  
B: Well, let's play a game of chess instead, then.  
1. nobody                      2. none                      3. one                      4. either
- 5 Mr. Barkley always wears a long winter coat when the weather ( ) really cold.  
1. gets                      2. was getting                      3. getting                      4. had gotten
- 6 Tom and his friends spent a lot of time in the park when they were children. Sometimes they ( ) play there all day.  
1. must                      2. would                      3. can                      4. were
- 7 Bright Company ( ) revised its employee benefits plan last month.  
1. complete                      2. completed                      3. completely                      4. completeness
- 8 ( ) an accident on Route 324, Mr. Davis will be late for the meeting this afternoon.  
1. Even though                      2. Due to                      3. So that                      4. While
- 9 After the meeting, there were pamphlets and empty bottles here and there ( ) the room.  
1. around                      2. into                      3. because of                      4. for
- 10 All employees must report to the ( ) in charge before leaving their positions on the assembly line.  
1. supervise                      2. supervised                      3. supervisor                      4. supervision

- 11 The marketing department is studying the ( ) between hot weather and product sales.  
1. appropriation      2. inspection      3. correlation      4. revision
- 12 Cigarette smoke makes Julie feel ill. She ( ) when people smoke around her, and she gets a sore throat.  
1. differs      2. coughs      3. involves      4. arranges
- 13 Kazue will study abroad for two months in Australia this summer. She is anxious ( ) being away from her family for such a long time.  
1. about      2. on      3. by      4. below
- 14 Having ( ) his cup of coffee, Harry paid his bill and left the café.  
1. finish      2. been finished      3. finishing      4. finished
- 15 A: Sorry I'm late, Kenji. Did I make you ( ) for a long time?  
B: Don't worry. I just got here five minutes ago.  
1. to wait      2. waiting      3. wait      4. to have waited

問題5 次の(1)と(2)の日本語を英訳しなさい。

(1) 私はランチを食べるために私の家の近くのハンバーガーショップに行った。

(2) 冬に山に登るのは危険です。

2025(令和7)年度  
札幌大学転入学・編入学試験(11月)  
英語専攻

【出題意図】

問題1

問1 本文の内容に関する質問への回答として最も適切な英文を選択する問題。必要な情報を適切に読み取る能力をみる。

問題2

問1 本文中の空所に入れるのに適切なものを選択する問題。書き手の意図、文章の概要や要点を捉える英語読解力と論理的思考力をみる。

問2 英語の文構造、文法、語彙を正しく理解し、文の内容を適切に理解する英語読解力をみる日本語訳問題。

問題3

問1 本文の内容に関する質問に対して最も適切な回答を選択する問題と、本文の内容に合致する回答を選択する問題。文章の概要や要点を捉え、必要な情報を適切に読み取る能力をみる。

問2 英語の文構造、文法、語彙を正しく理解し、文の内容を適切に理解する英語読解力をみる日本語訳問題。

問題4

英文の空所に入れるのに適切なものを選択する問題。英語の4技能の基礎となる文法力をみる。

問題5

日常的な話題を、基本的な語彙や文法を用いて、適切に伝えるライティング能力をみる。

【解答】

問題1

問1 (1) 3 (2) 2 (3) 2 (4) 2

問題2

問1 (5) 3 (6) 4 (7) 2

問2 それは、湖と川の中の酸素量を減らし、これによって植物や魚が生き残ることが困難になる。

### 問題3

問1 (8) 3 (9) 4 (10) 3 (11) 2

問2 しかし、今回は、その目的はチョコレートの味を改良することではなく、それをもっと健康に良いものにするのである。

### 問題4

(1) 2 (2) 3 (3) 2 (4) 2 (5) 1 (6) 2  
(7) 3 (8) 2 (9) 1 (10) 3 (11) 3 (12) 2  
(13) 1 (14) 4 (15) 3

### 問題5

- (1) I went to a hamburger shop near my house to eat lunch.
- (2) It is dangerous to climb a mountain in the winter.