

# 英語（リーディング）

各大問の英文や図表を読み、解答番号 1 ~ 47 にあてはまるものとして最も適当な選択肢を選びなさい。

## 第1問 (配点 10)

A You have received a letter from your friend, Elissa.

Hello,

You may be surprised to receive this letter. We always send text messages to each other, but I tried the traditional way this time. Just for a change!

Anyway, do you remember that we're going shopping at the mall on Saturday? I said I might not be able to make it at ten, but it turned out I will. Julie, my roommate, will receive my parcel for me. So, let's meet there as scheduled. I'll write to Natsuki and Emma, too.

See you then!

Elissa

問 1 Elissa thought you might be surprised because

1

● Make sure you have your student ID card with you. You will be charged

- ① she changed her schedule suddenly
- ② she contacted you in an unusual way
- ③ she has not met you for a long time
- ④ she mistakenly sent you a message

問 2 Elissa wants you to

2

- ① confirm the schedule for Saturday
- ② decide when and where to meet
- ③ pick up a package for her
- ④ write letters to other friends

② 6 p.m. on October 28th

① call the City Healthcare website

② click the link on the school's website

③ contact your college representative

④ show your student ID and pay 30 dollars

B You visited your school's English website and found a notice.

## Seasonal Flu Vaccination



The City Healthcare Clinic is offering free flu shots to students of our college. We recommend that all students receive a flu vaccine by the end of this year. Appointments can be made starting at 10 a.m. on Wednesday, October 13th. Don't let illness ruin your test preparation efforts!

Dates: October 18th ~ December 31st (weekdays)

Regular Clinic Hours: 11 a.m. ~ 4 p.m.

Location: City Healthcare Clinic (Consultation Room A, 2nd floor)

Dates	Doctors	Notes
October 18th~22nd	Dr. Kate Collins / (On the 18th only: Dr. Chris Allan)	On the first day, the 18th, the clinic will open one hour earlier than regular hours and two doctors will be available.
October 25th~29th	Dr. Kate Collins	On the 28th, there will be another event in the next room until 6 p.m., so please remain quiet.
November 1st~5th	Dr. Chris Allan	Due to the doctor's schedule, the reception will be closed two hours earlier than scheduled on the 5th.
November 8th~12th	Dr. Kate Collins	The clinic will be closed all day on the 10th due to a national holiday.

[Click to see more](#)

## IMPORTANT

- Make sure you have your student ID card with you. You will be charged 30 dollars without your ID.
- Click the link below to make your appointment. Appointments cannot be made by phone.  
<http://www.cityhealthcareclinic/vaccine.appointment.ac.uoitp>

If you have any questions or concerns about medical or health issues, please call the clinic at 541-775-6652.

UNBC Health Support Office Tel: 541-776-3335 (9 a.m. ~ 5 p.m.)

問 1 According to the website, students 3.

- ① are encouraged by the clinic to study hard for exams
- ② are not allowed to take exams without being vaccinated
- ③ can get a flu vaccination on the college campus
- ④ cannot make an appointment for the vaccination on October 12th

問 2 One of the times and dates you can get the vaccination is at 4.

- ① 10 a.m. on October 18th
- ② 6 p.m. on October 28th
- ③ 3 p.m. on November 5th
- ④ 1 p.m. on November 10th

問 3 To get the vaccination, you need to 5.

- ① call the City Healthcare Clinic
- ② click the link on the school's website
- ③ contact your college representative
- ④ show your student ID and pay 30 dollars

第2問 (配点 20)

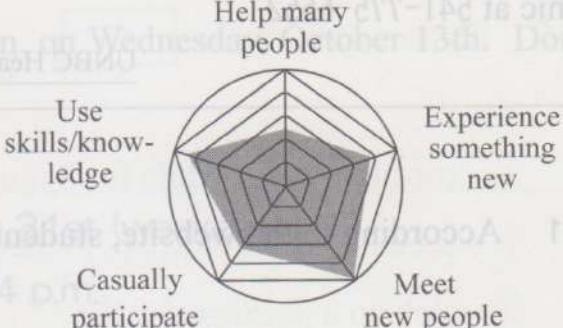
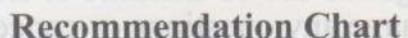
A You are choosing a volunteer program to join in. You have found the following program online.

## Tour guide in Kaede City

**Day:**  
**One day between 1st and 31st of**  
**August**

## Requirements:

- English communication skills
- Knowledge of the city



You are going to guide foreign tourists from English-speaking countries. Each program consists of a one-day tour in Kaede City. You are going to meet the guests at Kaede Station and help their tour for a day. We welcome someone who is eager to explain what the city has to offer.

## From participants

Kenji

Help many people 2 Use skills/knowledge 5 Meet new people 5  
Casually participate 3 Experience something new 4

Great experience! I'm a high school student and participated in the program to try my English skills. The Australian family I guided were very kind. They talked to me in simple words so that I could understand their English. I was able to enjoy being together with them. Unfortunately, however, I couldn't take them to all the places they wanted to go. I should have contacted them and made a detailed plan beforehand.

## Mia

Help many people 3 Use skills/knowledge 3 Meet new people 4

Casually participate 3 Experience something new 4

I was born and brought up in the UK and came to Kaede City just a few months before working in this programme. It turned out to be a great opportunity for finding tourist spots, places to eat, and transport. Through exchanging emails with my guests, I arranged our plan so that they would get the most out of their trip. It was a great pleasure to see them fully enjoy their trip.

## Hiyori

Help many people 2 Use skills/knowledge 4 Meet new people 5

Casually participate 3 Experience something new 3

The work is generally very enjoyable but I can't say it's always the case. Last time when I was guiding families with small children, some of the children got lost. We had to search for them for two hours. Fortunately, we were able to find them but our schedule was messed up. The other two times I joined in the program were rewarding and fun, but be careful especially when you have small children among the guests.

問 1 Based on the chart on the website, this program is most recommended for those who want to 6.

- ① be helpful to a lot of people
- ② choose a program which is easy to participate in
- ③ make use of their skills or knowledge
- ④ meet someone who they haven't met before

問2 According to the website, you do not have to 7 in order to participate in the program.

- ① be free all through August
- ② be good at speaking English
- ③ be willing to show Kaede City's attractions
- ④ know much about Kaede City

問3 One fact from the participants' comments is that 8.

- ① one participant joined in the program more than once
- ② only those who have lived long in the city can join in the program
- ③ the program is a good opportunity to try their language skills
- ④ the program is mostly fun but sometimes not

問4 One opinion stated in the participants' comments is that 9.

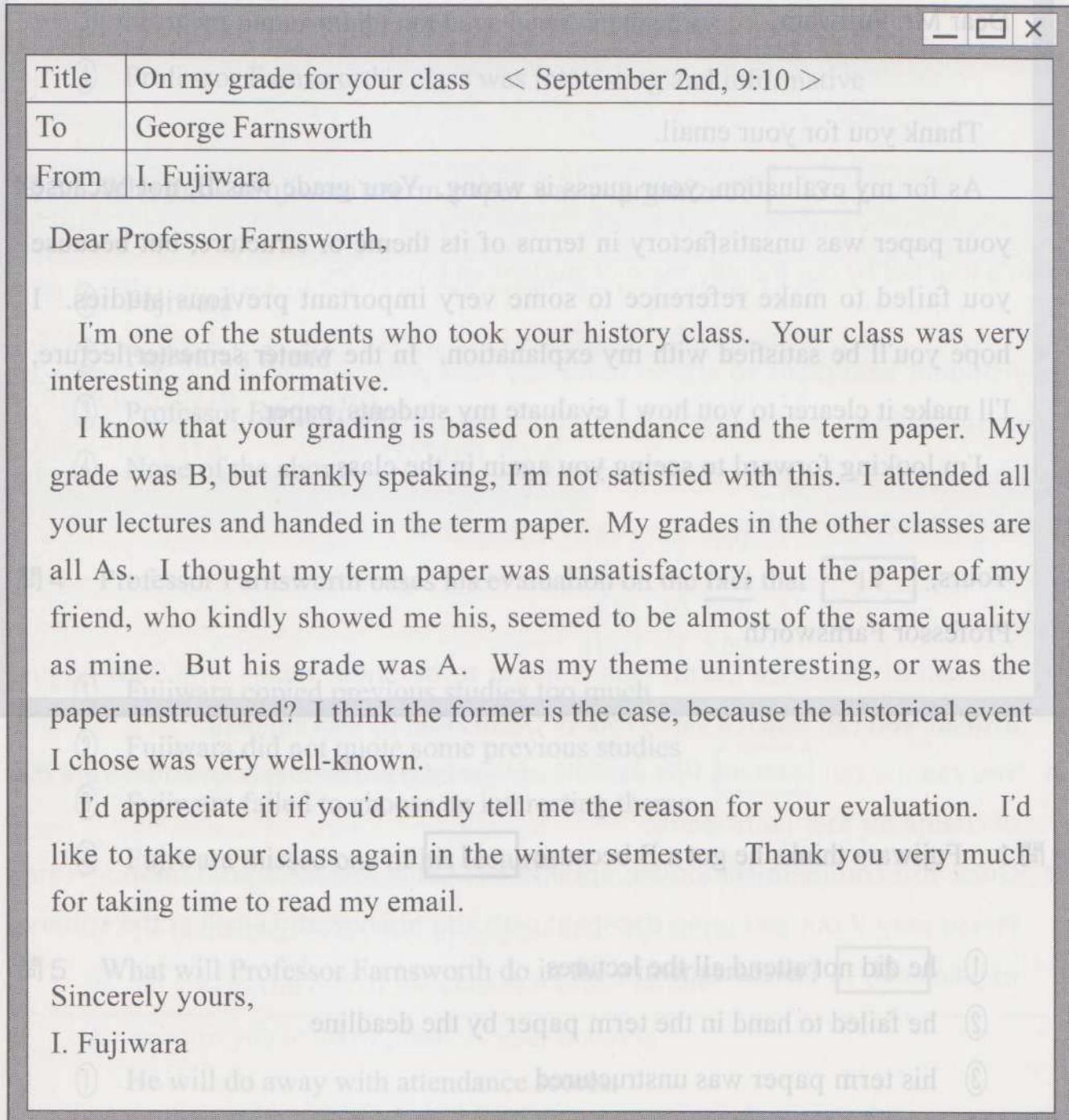
- ① it's nice to see the guests enjoy their tour
- ② Kenji thought he didn't prepare enough
- ③ the participants should guide as many guests as possible
- ④ the tourists sometimes ignore their guides' instructions

問5 According to the participants' comments, what should you do to be a good guide? 10

- ① Ask your friends to join in the program together.
- ② Do your research on Kaede City and your guests.
- ③ Make a video to introduce yourself and Kaede City.
- ④ Travel abroad to learn what it is like to be a tourist.

**B** Your friend, I. Fujiwara is a freshman in college, and he received his grades for the summer semester. He was not satisfied with the grade for the history class, so he wrote an email to the professor in charge. He got a reply.

His grades for the other classes are As.

A screenshot of an email window. The title bar says "George Farnsworth". The email header shows "Title: On my grade for your class <September 2nd, 9:10>", "To: George Farnsworth", and "From: I. Fujiwara". The body of the email reads:  
Dear Professor Farnsworth,  
  
I'm one of the students who took your history class. Your class was very interesting and informative.  
  
I know that your grading is based on attendance and the term paper. My grade was B, but frankly speaking, I'm not satisfied with this. I attended all your lectures and handed in the term paper. My grades in the other classes are all As. I thought my term paper was unsatisfactory, but the paper of my friend, who kindly showed me his, seemed to be almost of the same quality as mine. But his grade was A. Was my theme uninteresting, or was the paper unstructured? I think the former is the case, because the historical event I chose was very well-known.  
  
I'd appreciate it if you'd kindly tell me the reason for your evaluation. I'd like to take your class again in the winter semester. Thank you very much for taking time to read my email.  
  
Sincerely yours,  
I. Fujiwara

- ① He will do away with attendance bonuses.
- ② He will set the theme for the term paper himself.
- ③ He will teach students how to write an interesting paper.

Title	Re: On my grade for your class <September 2nd, 15:05>
To	I. Fujiwara
From	George Farnsworth

Dear Mr. Fujiwara,

Thank you for your email.

As for my evaluation, your guess is wrong. Your grade was B, not because your paper was unsatisfactory in terms of its theme or structure, but because you failed to make reference to some very important previous studies. I hope you'll be satisfied with my explanation. In the winter semester lecture, I'll make it clearer to you how I evaluate my students' paper.

I'm looking forward to seeing you again in the class.

Yours,

Professor Farnsworth

問 1 Fujiwara thinks he got a B because

- ① he did not attend all the lectures
- ② he failed to hand in the term paper by the deadline
- ③ his term paper was unstructured
- ④ the theme of his term paper was too conventional

- ① Ask your friends to join in the program together.
- ② Do your research on Kaede City and your guests.
- ③ Make a video to introduce yourself and Kaede City.
- ④ Travel abroad to learn what it is like to be a tourist.

問2 One fact stated in Fujiwara's email is that 12.

### Tour of the University of Vecza: Online Application Form

- ① his friend's term paper is almost of the same quality as his
- ② his grades for the other classes are As
- ③ his term paper might not have been satisfactory
- ④ Professor Farnsworth's class was interesting and informative

問3 Who thinks Fujiwara's term paper was unorganized? 13

- ① Fujiwara
- ② Fujiwara's friend
- ③ Professor Farnsworth
- ④ None of the above

問4 Professor Farnsworth bases his evaluation on the fact that 14.

- ① Fujiwara copied previous studies too much
- ② Fujiwara did not quote some previous studies
- ③ Fujiwara failed to choose an interesting theme
- ④ Fujiwara missed one of his lectures

問5 What will Professor Farnsworth do in the winter semester? 15

- ① He will do away with attendance scores.
- ② He will explain the grading criteria in detail.
- ③ He will set the theme for the term paper himself.
- ④ He will teach students how to write an interesting paper.

Title of Report on my grade for your class September 2nd, 15:05

A You are considering entering a university in the UK. On the Internet, you are reading the information on its campus tour.

Dear Mr. Patnsworth

## Join us for a campus tour

Thank you for your email.

Visiting campuses is important in making a decision on which university you will go to. We, the University of Vecza, are happy to give you an opportunity to see our facilities with a tour led by our friendly team of student ambassadors.

Any student who plans to attend university next year can join our tour. There are some rebuilding works taking place on our campus, so we are not able to show you some of the facilities. Still, this opportunity will give you a little understanding of what we can offer to our students.

Yours,

NOTE Professor Patnsworth

- The hall of residence Cactus Hall is going to be under repair until 30th August. Instead, you can watch a video tour of Cactus Hall by clicking [here](#).
- You can use our cafeteria Pon-Ta Café on weekdays. The meals and drinks are free of charge for tour participants.
- Once you complete the online application, you'll receive a confirmation email. Please print it out and bring the sheet with you or show the email at the entrance to gain entry to the campus.

○ The application form which you have partly filled in.

## Tour of the University of Vecza Online Application Form

First Name:  Last Name:

Email Address:  Mobile Phone Number:

Date of Birth: DAY  / MONTH  / YEAR

The course you are interested in the most (You can select only ONE option):

Engineering     Education     Psychology     Marketing  
 Archaeology     History     Literature     Drama  
 Music     Fine Art

The facility you want to see (You can select one or more options):

Cactus Hall     Central Lecture Hall     Computer Lab  
 Dance Studio     Gym     Library  
 Pon-Ta Café     Relaxation Room

Select the tour day when you want to visit us:

▽  
Fri 12 Aug  
Sat 20 Aug  
Sat 10 Sep  
Wed 21 Sep

問 1 The campus tour of the University of Vecza will  16.

- ① allow you to walk freely around the campus by yourself
- ② be conducted every day in August and September
- ③ let you attend one of the classes it offers online
- ④ require you to show proof of your booking

問 2 To visit the facilities you want to see, you will join the campus tour on  17.

- ① Friday, 12 August
- ② Saturday, 20 August
- ③ Saturday, 10 September
- ④ Wednesday, 21 September

B You are planning to go on a school trip to England. Searching for information on the sites you will visit on the trip, you found the following article on the web.

## Museum of the World — Sanctuary for knowledge and imagination

The British Museum in London is the first national museum in the world. It was officially opened to the general public in 1759. Since then, the museum has been open every day, except for Christmas and New Year's Day. It also boasts free admission.

The museum started from the private collection of Sir Hans Sloane, an Irish physician. By the time of his death in 1753 he had collected more than 71,000 items. In his will, Sloane left his collection to England. It originally consisted of books, manuscripts, natural specimens, antiquities and so on. They were first displayed in a mansion, Montagu House.

The reputation of the museum had grown by the early 19th century, when a number of famous historic items were added to the collections. One of those was the Rosetta Stone. Since it was put on display, it has been the most popular attraction in the museum for about 200 years.

As the number of collections increased, the larger space was needed. By 1823, Montagu House was destroyed to make way for the new larger building still visible today. After that, some more facilities were added to the main building.

At the beginning of the 20th century, the museum began to offer more services to the public. The first museum guidebook was published in 1903 and the first guide lecturer was appointed in 1911.

Today, roughly 80,000 collections from six continents are on display, and they are only 1% of all collections in the British Museum. Nearly seven million people visit the museum a year, a dramatic increase compared to a mere five thousand in the 18th century. It is not too much to say the museum has established its status as one of the most popular tourist attractions in the world.

問1 Put the following events (①~④) into the order in which they happened.

18 → 19 → 20 → 21

- ① The British Museum became available for ordinary people.
- ② The British Museum introduced the first guidebook.
- ③ The first collections were displayed in Montagu House.
- ④ Today's main building of the British Museum was constructed.

問2 The first collections displayed in the British Museum

22

- ① consisted of donations from an individual
- ② couldn't fit in exhibition spaces in a mansion
- ③ were given to the museum by England
- ④ were not regarded as valuable items

問3 From this article, you learn that

23

- ① it costs only a little amount of money to see the exhibitions in the British Museum
- ② the British Museum has collected more than one hundred times the original items
- ③ the British Museum has more visitors than any other tourist attraction today
- ④ the most popular exhibit in the British Museum today was donated by Sir Hans Sloane

## 第4問 (配点 15)

Your British friend, Kart, has asked you for some advice on a plan to give a warm welcome to Nina, who recently moved into his neighbourhood from Japan. You are reviewing the text exchanges and related information you can see online.

Saturday, 4 June

Kart 3.21 pm.

It's just one week before I go out with Nina. Could you give me some advice on my plan?

First, I want Nina to have an exciting experience. So I think we should visit *Mimoza Land*. Then, I'll treat her to lunch at *Tamel House*. Do you remember you once ate at this restaurant and loved it? I think Nina will like it, too. In the afternoon, we'll go to the newly opened Hoxton Cinema to watch *The Gun*, which has gained a great reputation from reviewers.

Finally, I want to end the day with a full French meal course. I think the plan will be perfect. Hope to hear from you soon.

Today, roughly 80,000 collections from six continents are on display, and they are only 1% of all collections in the British Museum. Nearly seven million people visit the museum a year, a dramatic increase compared to a mere five thousand in the 18th century. It is not too much to say the museum has established its status as one of the most popular tourist attractions in the world.

You're trying really hard to make the day successful, but let me be honest. First, I don't think starting with an amusement park is a great idea. I think you should first talk and get to know each other better. An amusement park is too noisy and you'll be too busy with rides and attractions. Also, *Tamel House* is indeed a great place, but steak may be a little too fatty for lunch. I recommend you have something lighter.

I agree that watching a film is a lovely option for the afternoon. I watched *The Gun* a week ago. It was so fun. Animation films, though, might better be enjoyed by early teens and children. *Twelve Days* might be a good alternative, which I guarantee both teenagers and adults will like. Since I went to see it on Saturday, the cinema here was so crowded that I had to wait a long time to get one of the few seats left. I think you should book your tickets in advance.

After the film, I think you can just take her home and say good-bye. You shouldn't go out late because she might be exhausted.

Sunday, 5 June

Kart 0.15 am.

Thank you for your helpful advice! I totally trust you and will change my plan based on your suggestions. As you say, I was planning to do too much to entertain her. I think we'll start by becoming familiar in a calm atmosphere. For example, we can have a chat walking through *KK Flower Park* now featuring beautiful rose gardens. If it is rainy, I think we can enjoy something else indoors. We'd also better enjoy our lunch more casually.

Nina says that she loves all kinds of films except scary ones, and that both *The Gun* and *Twelve Days* sound fun. I'll check the ticket information site later. If no seat is available for either of them, I'll consider the third. What do you think?

## Online Cinema Information

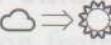
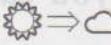
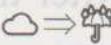
### Seat reservation service — Hoxton Cinema

	11 Saturday		12 Sunday	
Title / Genre	10.00 am. - 12.00 am.	2.00 pm. - 4.00 pm.	10.00 am. - 12.00 am.	2.00 pm. - 4.00 pm.
Her Phantom / Horror	○	○	○	△
The Gun / Animation	×	×	△	×
Twelve Days / Action	△	×	△	△
Long Daydream / Romance	○	○	△	○

○ : Many vacant seats    △ : A few vacant seats    × : All seats reserved

## Online Weather Forecast

from 6 June to 12 June, London

6 Mon	7 Tue	8 Wed	9 Thu	10 Fri	11 Sat	12 Sun
 20°C 12°C	 19°C 16°C	 23°C 17°C	 24°C 15°C	 22°C 14°C	 18°C 13°C	 20°C 16°C

問1 At first, Kart thought he planned 24 but after he read your reply, he thought he had planned 25.

- ① casually
- ② nothing
- ③ properly
- ④ too little
- ⑤ too much

問2 In your next reply to Kart, you are least likely to 26.

Mr. Gracie was 59-year-old Mrs. Caroline Brown. Mr. Gracie, who miraculously survived a heart attack, is now a bit more careful with his diet and exercise. He is looking forward to his weekend holiday with his wife and their two children. He is not a fan of fast food and prefers to eat healthy meals at home. He enjoys spending time with his family and likes to go for walks in the park. He is a bit worried about his weight gain and wants to lose some weight. He is considering going on a diet or trying some new exercises. He is also thinking about getting a personal trainer to help him stay on track. He is not a fan of fast food and prefers to eat healthy meals at home. He enjoys spending time with his family and likes to go for walks in the park. He is a bit worried about his weight gain and wants to lose some weight. He is considering going on a diet or trying some new exercises. He is also thinking about getting a personal trainer to help him stay on track.

- ① advise him how he can enjoy the day more casually
- ② be in favour of the new plan he is thinking of
- ③ complain about him not following your advice
- ④ hope that he will have a nice weekend holiday

問3 You did not recommend eating at *Tamel House* probably because Nina

waiting 27.

- ① has already been there several times
- ② may not have much money to eat at a fancy restaurant
- ③ might not like something heavy for lunch
- ④ will prefer a French restaurant

問4 Kart and Nina are most likely to watch 28.

- ① *Her Phantom*
- ② *Long Daydream*
- ③ *The Gun*
- ④ *Twelve Days*

問5 Which is Kart most likely to do with Nina first on the day? 29

- ① Enjoy some exciting rides in an amusement park.
- ② Play some ball games under the beautiful sun.
- ③ Visit a flower park and see rose gardens.
- ④ Watch sea creatures in an aquarium.

## 第5問

(配点 15)

You are going to make a presentation about a person who did something great but is not publicly known. You are making presentation slides using the article below.

When learning about the tragedy of the Titanic, one might hear the story of Miss Edith Evans, who sacrificed her life at the age of 36 to save her friend. There are some different interpretations about what happened to Edith towards the end. The following is one of the commonly believed stories.

In April 1912, the Titanic started on its first voyage from England to America, scheduled to arrive in New York in seven days. It was one of the biggest and the most luxurious ships ever built. About 2,200 passengers were on board. On the fourth night, however, one crew on watch saw a huge iceberg right before his eyes. He shouted, "Iceberg right ahead!" However, it was too late. Merely ten percent of an iceberg is usually visible above the water. It's difficult to see one with the naked eye in the dark night. That is considered one reason the crew was too late in noticing the iceberg. The Titanic struck the iceberg, and began to go down into the sea. In fact, some other ships had alerted the Titanic about icebergs in the area. Unfortunately, however, the radio operators on the Titanic were busy with sending messages for passengers and those alerts were not reported.

The passengers had to move onto the emergency lifeboats. The crew hurriedly started preparing lifeboats to save as many lives as possible. Alas, the Titanic had only twenty lifeboats, which were for fewer than 1,200 people. In those days, cruise ships had no obligation to have as many lifeboats as could accommodate all the passengers. Hardly anyone suspected such a huge ship would sink so fast that other ships couldn't arrive in time to save the passengers.

Edith Evans was born in New York City in 1875. She was wealthy and single. She was on her way back from England, where she had attended a family funeral. During the journey, Edith had been escorted by a man named Archibald Gracie. In those days it was customary that a male passenger volunteered to escort a female who

was not accompanied by her husband or male partner. Another woman escorted by Mr. Gracie was 59-year-old Mrs. Caroline Brown. Mr. Gracie, who miraculously survived after being thrown out into the sea, later told the media that before Edith got on the ship, she had been to a fortune teller in London, who warned her to be cautious of water. She might have known her destiny beforehand.

While the ship was about to sink, Mr. Gracie led Mrs. Brown and Edith near to the last lifeboat. It is commonly believed that there was not enough room left for both of them. Edith insisted Mrs. Brown get in, saying "You go first. You have children waiting at home," even though Mrs. Brown repeatedly refused. Then she called out, "Please, take this lady. She has children!" and helped Mrs. Brown into the last lifeboat, which was lowered onto the ocean without Edith.

Mr. Gracie remembered seeing the final minutes of Edith. She was calm on the deck, not crying or screaming. She seemed to understand what she had to do. She was praying. Perhaps she was comforting others in her same situation. At 2:20 a.m. on April 15th, 1912, the Titanic sank down into the ocean. That night more than 1,500 people lost their lives. Though Edith Evans was considered one of them, she was never identified among the dead. "It was a heroic sacrifice, and I shall never forget her, who preferred to die so that I might live," Mrs. Brown said at the funeral for Edith.

Other stories tell that there were still other lifeboats left but Edith didn't get on one. Some said Edith believed that the prophecy in London would come true, so she was ready to accept it instead of taking action to survive anyway. Even if that was true, her act was undoubtedly brave and heroic. Several movies and documentaries have been made on the Titanic disaster. But sadly, in most of them, not so much has been described about a woman who sacrificed herself to help a mother reunite with her children.

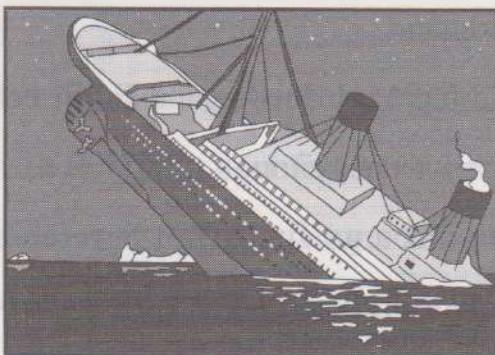
③ Had children on land.

④ Later told the story of Edith to the media.

⑤ Was an old friend of Edith's.

## ★ Slide 1

30



## ★ Slide 3

Edith's Destiny with the Titanic

32

33

34

The Titanic sank into the sea.

35

## ★ Slide 2

The Causes of the Tragedy

31

## ★ Slide 5

Q: "Edith might not have got on the lifeboat even if there was an empty seat for her. Why?"

A: "38"

ships couldn't arrive in time to save the passengers.

Edith Evans was born in New York City in 1875. She was wealthy and single. She was on her way back from England, where she had attended a family funeral. During the journey, Edith had been escorted by a man named Archibald Gracie. In those days it was customary that a male passenger volunteered to escort a female who

## ★ Slide 4

Main Figures in Edith's Story

Edith Evans

36-year-old woman

→ Sacrificed her life  
in the accident.

Mrs. Brown

59-year-old woman

36

Mr. Gracie

a man escorting the two

37

- ① A Heroic Rescue Drama in the Water
- ② Saving a Mother at the Cost of One's Own Life
- ③ The Worst Marine Disaster in History
- ④ To Prevent the Next Tragedy: Lessons from a Brave Woman

問2 Choose one that is not appropriate for 31 to complete Slide 2.

- ① Many passengers had no choice but to stay on the ship.
- ② The iceberg was easily missed in that situation.
- ③ The information about icebergs was not utilized.
- ④ The ship illegally reduced the number of lifeboats.

問3 Put the following events in the order in which they happened to complete

Slide 3. 32 ~ 35

- ① Edith gave up her seat for Mrs. Brown.
- ② Edith had her fortune told.
- ③ Edith prayed on the deck.
- ④ Mrs. Brown showed her appreciation for Edith's act.

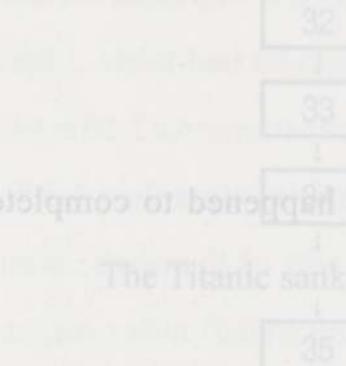
問4 Choose the best for 36 and 37 to complete Slide 4.

- ① Desperately wanted the last seat.
- ② Died in the disaster.
- ③ Had children on land.
- ④ Later told the story of Edith to the media.
- ⑤ Was an old friend of Edith's.

- ① Apparently she gave up her life because of fear.
- ② Perhaps she was not going to refuse her destiny.
- ③ She might have been sure that the lifeboats were dangerous anyway.
- ④ She was probably not calm enough to know how to survive.

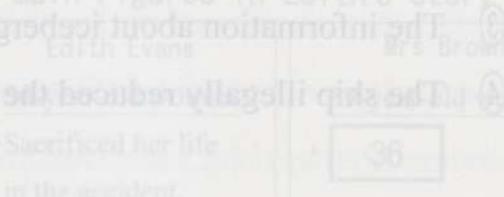
★ Slide 3

Edith's Destiny with the Titanic



★ Slide 4

Main Figures (in Edith's Story)



The Titanic sank into the sea.

★ Slide 5

Q: "Edith might not have got on the lifeboat even if there was an empty seat for her. Why?"

A: 38

A You are going to debate on homeschooling in class. You are reading and summarizing the following article.

### A Better Way to Learn?

It is easy to forget that public education is a relatively new phenomenon. Even in the U.S., which has a relatively developed education system, public schools only started flourishing in the early 19th century. Before that, while the affluent were able to hire tutors for their children, most education of children took place within the family and the community. Some people are now going back to teaching children themselves (or hiring tutors), especially in countries where the mainstream education is considered poor.

The laws regarding homeschooling can be complex and vary widely from country to country. In some countries, such as France, England, Indonesia and the United States, homeschooling is permitted by law. In other countries like Japan or Spain, laws are not so clear; homeschooling goes on but isn't formally permitted by existing laws. Other countries, including Germany and Brazil, ban homeschooling altogether.

At one time, homeschooling was seen as something to be ashamed of, because it was traditionally for students who had behavioral or learning difficulties and could not keep up with the rest of the class. Today, there are many compelling arguments for educating one's children at home. Some of them come from dissatisfaction with the mainstream education system. Teacher shortages and lack of funding mean that, in many schools, one teacher is responsible for 30 or 40 pupils; children are often deprived of the attention they need. Bullying and increasing classroom violence have also motivated some parents to remove their children from school. Parents may also choose to homeschool for religious or political reasons.

Many psychologists see the home as the most natural learning environment, since it is supportive and has no distractions. Parents who homeschool say they can monitor their children's education more closely. Children can also choose what and when to study, thus enabling them to learn at their own pace. Many educational resources on the Internet can also be used to supplement learning. Supporters of homeschooling point out that homeschooled children do just as well or better than those who are classroom-taught, and a striking number gain admission to top universities.

In contrast, critics of homeschooling say that children miss out on learning important social skills because they have little interaction with their peers. This might have a negative effect on them later in life when they go to university or start working. Critics have also raised concerns about whether parents are capable of educating their child properly. Many of these parents lack teacher training and are not competent or up-to-date on all the subjects taught in schools.

In the U.S., with an increasing number of parents taking their children out of class, school officials are looking for ways to restore parents' confidence in the public education system. Some American high schools have opened their doors to homeschoolers on a part-time basis, allowing these children to attend classes once or twice a week, or to take part in activities such as playing football or doing ballet. This enables homeschooled children to enjoy the extra benefits of peer interaction and involvement in sports or clubs.

Whatever the arguments for or against, homeschooling is a growing trend. There are now websites and support groups that help parents to assert their rights and enable them to learn more about educating their children. Once the last resort for troubled children, homeschooling is now embraced as an accepted alternative to the public education system.

Note: You are going to debate on **homeschooling**. You can use the following information to help you:

article. If you are against the promotion of homeschooling, which is the most common reason for choosing it?

## What is homeschooling?

- Parents teach their children by themselves or hire tutors.
- It was commonplace in the past.
- Some countries permit it by law, some overlook it, and others ban it.

## The reason for choosing homeschooling

In the past ... 39

Today ... 40

## Pros and Cons

### Pros

- more close monitoring
- learning at their own pace
- 41

### Cons

- few interactions with peers
- 42

## Summary

Despite controversies, homeschooling is gaining ground in the U.S., and there are some attempts to help homeschooled children by schools and support groups.

問1 Choose the best for 39 and 40.

Many psychologists see the home as the most natural learning environment, since

- ① children's lack of ability to do well in class
- ② concerns about schools' environment
- ③ inability to pay for school
- ④ recommendation by governments

問2 Choose the best for 41.

universities.

- ① lower cost
- ② more time with family
- ③ no commuting
- ④ online resources for supplement learning

問3 Choose the best for 42.

more choose homeschooling

- ① a lot of distractions
- ② a strong sense of loneliness
- ③ parents' lack of teaching skills
- ④ strict punishments

or twice a week, or to take part in activities such as playing football or doing both

U.S. and other countries to some degree and

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are now websites and support groups that help parents to assert their rights and

enable them to learn more about educating their children. Once the last resort for

troubled children, homeschooling is now embraced as an accepted alternative to the

public education system.

問4 You are going to debate on homeschooling based on the information in the article. If you are against the promotion of homeschooling, which is the most appropriate argument? 43

drugs, they may work when other treatments don't. For example, nivolumab may help with cancer. In a different context, it might help with depression.

- ① Data shows homeschooled children are less likely to enter famous universities later in their life.
- ② Even though some schools are helping with homeschooling, homeschooled children have fewer opportunities to learn social skills.
- ③ Experts on psychology regard public schools as best for children's learning.
- ④ More and more people today think homeschooled children are those who lack the ability to get along in schools.

Unfortunately, checkpoint inhibitors, including nivolumab, can have a side effect.

Unfortunately, checkpoint inhibitors, including nivolumab, can have a side effect. This effect is called "immune-related adverse reaction" or "immune-related toxicities". It is a type of side effect that occurs when the immune system attacks healthy cells by mistake. For example, nivolumab can cause a condition called "colitis", which is inflammation of the colon. This can lead to diarrhea, abdominal pain, and fever. In some cases, it can be life-threatening.

The immune system has a way to recognize and kill cancer cells. It does this by producing antibodies that bind to specific proteins on cancer cells. These proteins are called "checkpoint inhibitors". One such checkpoint inhibitor is called "nivolumab". It binds to a protein called "PD-1" on T cells. T cells are a type of white blood cell that plays a role in the immune system. When nivolumab binds to PD-1, it prevents the T cells from attacking healthy cells. This is because the T cells receive a "stop" signal from the cancer cells.

① telling cancer cells from normal cells is normal. One such checkpoint inhibitor is called "nivolumab". It binds to a protein called "PD-1" on T cells. T cells are a type of white blood cell that plays a role in the immune system. When nivolumab binds to PD-1, it prevents the T cells from attacking healthy cells. This is because the T cells receive a "stop" signal from the cancer cells.

**B** You are preparing for the interview test in the entrance exam for a medical college. You are now reading the following passage from the Internet to obtain some knowledge of a new cancer treatment.

Chemotherapy is a traditional way to treat advanced cancer that cannot easily be cured by other methods like operation or radiation treatment. However, anti-cancer drugs used in chemotherapy often have serious side effects on patients, such as fatigue, lack of appetite, or sickness. These symptoms are caused since such drugs also attack normal, healthy cells which they regard as similar "enemies" to cancer cells.

Today, a new type of cancer therapy is under way. The therapy tries to make the most of the immune system incorporated in the human body. An important function of the immune system is its ability to distinguish between normal cells and abnormal cells. This enables the immune system to attack abnormal cells, sometimes cancerous ones, without harming normal ones.

Immune cells have their so-called "checkpoints." Checkpoints serve like a brake on a car. They prevent immune cells, called T cells, from working too hard. They are indispensable because uncontrolled performance of T cells can do serious damage to our body tissues. Cunningly, however, cancer cells stimulate T cells to work their brake system to avoid being attacked. So, if this "brake" were to be eliminated, the immune system would be expected to work at its full force, and therefore, kill a far greater number of cancer cells.

The new type of drugs used to disable such checkpoints are called "checkpoint inhibitors." Checkpoint inhibitors don't work directly on cancer cells. They only take the brakes off immune cells. As a result, they tend to give patients fewer serious side effects than traditional anti-cancer drugs.

One such checkpoint inhibiting drug is nivolumab. Nivolumab binds to a PD-1, a type of checkpoint on T cells. Cancer cells have molecules named PD-L1, which bind to PD-1 to brake the T cells' attack. Nivolumab prevents this process from happening.

Nivolumab is now used for several advanced cancers such as skin cancer or stomach cancer. Besides its milder side effects, nivolumab has some other advantages. Because checkpoint inhibitors work in a different way from traditional anti-cancer drugs, they may work when other treatments don't. For example, nivolumab may have positive effects on a patient with very advanced stomach cancer after several types of chemotherapy have already been proven ineffective for him or her.

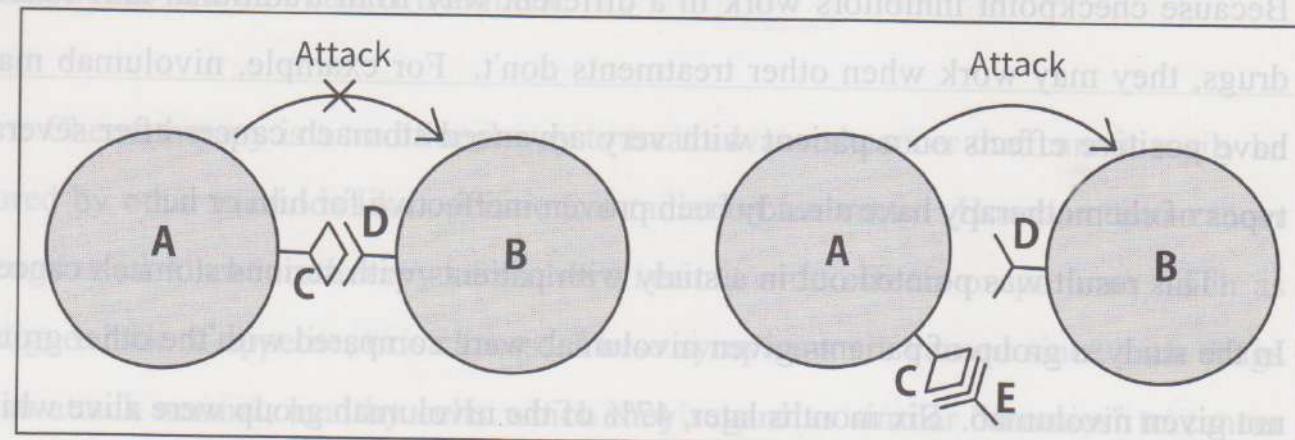
This result was pointed out in a study with patients with serious stomach cancer. In the study, a group of patients given nivolumab were compared with the other group not given nivolumab. Six months later, 47% of the nivolumab group were alive while 34% of the non-nivolumab group were. The gap in the survival rate between the two groups gradually widened over a year. With the nivolumab group, more than a half of the survivors at the six months' period were still alive another six months later. The result shows the effectiveness of nivolumab, considering that all the patients had already tried several other treatments but they had little effect.

Unfortunately, checkpoint inhibitors, including nivolumab, generally work for less than half the people who try it. Moreover, most people only show a partial effect. Still, once they do work, they may allow the patients to live much longer than other treatments can. Doctors aren't yet sure what type of patients checkpoint inhibitors can treat effectively. To find the solution must be the key to the development of this new cancer treatment.

問1 You learn that traditional anti-cancer drugs are not good at 44.

- ① killing cancer cells directly
- ② telling cancer cells from normal ones
- ③ use in combination with other methods
- ④ working on early stage cancer

問2 You are visualizing the mechanism of the new cancer treatment. Which combination is suitable for A to E in the illustration below? 45



	A	B	C	D	E
①	Cancer cell	T cell	Nivolumab	PD-1	PD-L1
②	Cancer cell	T cell	PD-1	Nivolumab	PD-L1
③	Cancer cell	T cell	PD-L1	PD-1	Nivolumab
④	T cell	Cancer cell	Nivolumab	PD-L1	PD-1
⑤	T cell	Cancer cell	PD-1	PD-L1	Nivolumab
⑥	T cell	Cancer cell	PD-L1	PD-1	Nivolumab

問3 Which of the following is referred to as a benefit of checkpoint inhibitors?

46

- ① They are supposed to be effective for a wide range of patients.
- ② They can eliminate cancer cells completely from a patient's body.
- ③ They may work even when other types of drugs no longer work.
- ④ They usually cause no pain during treatment.

One such checkpoint inhibiting drug is nivolumab. It binds to a PD-1, a type of checkpoint on T cells. Cancer cells have a receptor on them that binds to PD-1 to brake the T cells' attack. Nivolumab prevents this process from happening.

- ① Checkpoint inhibitors will be used for those who are likely to benefit from them.
- ② Doctors will discover the condition where checkpoint inhibitors are effectively used along with other treatments.
- ③ Negative effects of checkpoint inhibitors will be understood by patients and doctors.
- ④ The use of checkpoint inhibitors will be promoted as the first option for all cancer treatments.