

# 2023年度 一般入学試験 前期日程(2月2日)

## 英 語

(試験時間 60分)

### 注 意 事 項

- 1 試験開始の合図があるまで、この問題冊子の中を見てはいけません。
- 2 この問題冊子は、27ページあります。
- 3 試験中に問題冊子の印刷不鮮明、ページの落丁・乱丁及び解答用紙の汚れ等に気付いた場合は、手を挙げて監督者に知らせなさい。
- 4 解答用紙には解答欄以外に次の記入欄があるので、それぞれ正しく記入し、マークしなさい。
  - ① 試験コード欄・座席番号欄  
試験コード・座席番号(数字)を記入し、さらにその下のマーク欄にマークしなさい。正しくマークされていない場合は、採点できないことがあります。
  - ② 氏名欄  
氏名・フリガナを記入しなさい。
- 5 解答は、解答用紙の解答欄にマークしなさい。例えば、

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と表示のある問いに対して③と解答する場合は、次の(例)のように解答番号10の解答欄の③にマークしなさい。

(例)

解答番号	解 答 欄									
10	①	②	●	④	⑤	⑥	⑦	⑧	⑨	⑩

- 6 問題冊子の余白等は適宜利用してよいが、どのページも切り離してはいけません。
- 7 試験終了後、問題冊子は持ち帰りなさい。



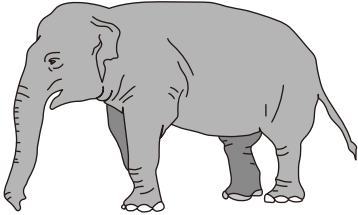
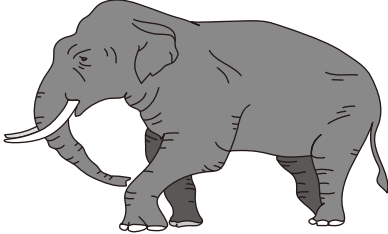
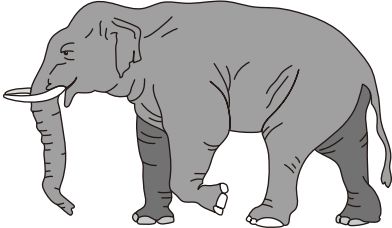
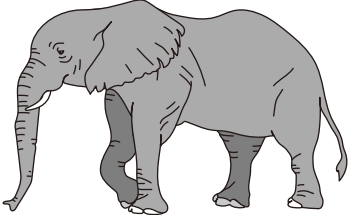


# 英 語

各大問の英文や図表を読み、解答番号  ～  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

A *You plan to visit a zoo with your family. You are especially interested in elephants, and you are looking at a list of the longest-living elephants kept in your country.*

<p style="text-align: center;"><b>Agnes</b></p>  <p style="text-align: center;">The National Zoo</p> <ul style="list-style-type: none"><li>• Sex: Female</li><li>• Age: 47</li><li>• Weight: 2.6 t</li><li>• An Asian elephant from Thailand</li></ul>	<p style="text-align: center;"><b>Harper</b></p>  <p style="text-align: center;">The City Zoo</p> <ul style="list-style-type: none"><li>• Sex: Male</li><li>• Age: 50</li><li>• Weight: 4.5 t</li><li>• An Asian elephant from India</li></ul>
<p style="text-align: center;"><b>Rocky</b></p>  <p style="text-align: center;">The National Zoo</p> <ul style="list-style-type: none"><li>• Sex: Male</li><li>• Age: 45</li><li>• Weight: 4.8 t</li><li>• An Asian elephant from Indonesia</li></ul>	<p style="text-align: center;"><b>Sasha</b></p>  <p style="text-align: center;">The Safari Park</p> <ul style="list-style-type: none"><li>• Sex: Female</li><li>• Age: 52</li><li>• Weight: 2.9 t</li><li>• An African elephant from Kenya</li></ul>

問 1  is the oldest elephant from Asia on the list.

- ① Agnes
- ② Harper
- ③ Rocky
- ④ Sasha

問 2 Both Agnes and Sasha .

- ① are females over 50 years old
- ② are kept at The National Zoo
- ③ weigh less than 3 t
- ④ were born in the same country

**B** You are a student of North Pacific University. You are looking at the competition announcement shown below.

**North Pacific University School of Business presents :**  
**2023 BUSINESS PLAN**  
**COMPETITION**  
**sponsored by North Pacific Bank**

All students are invited to participate in this year's Business Plan Competition. Send in your unique business plan and win a cash prize!

**Category 1: Food Business Utilizing Digital Technology**  
**Category 2: Carbon-free Public Transportation Service**

**How to Participate**

Step 1: Visit <https://www.npu.edu/businessplan/2023> to register your team and download entry forms.

Step 2: Choose a category.

Step 3: Submit a business plan by email. Make sure to attach all the forms.

**Contest Schedule**

<b>July 15</b>	Registration Deadline
<b>July 31</b>	Submission Deadline
<b>September 1</b>	Announcement of Finalists (10 finalists will be notified by email)
<b>September 25</b>	Final Presentation
<b>October 1</b>	Announcement of Winners

**Contest Guidelines**

- All submissions must use the provided forms.
- All submissions and presentations must be in English.
- Each team must consist of a minimum of 2 members and a maximum of 5 members.

Click [here](#) to see the full list of guidelines.

Judges include bankers, executives and investors selected by the school.

**Awards**

1st Place: \$10,000, 2nd Place: \$5,000, 3rd Place: \$2,500

問 1 When entering the competition, you submit a business plan .

- ① before registration
- ② in one of the categories
- ③ in person
- ④ in September

問 2 If you are notified on September 1 that you are one of the finalists, you'll .

- ① deliver a final presentation in less than a month
- ② start your own food business on or off campus
- ③ submit another business plan by September 25
- ④ win a cash prize regardless of the final results

問 3 According to the competition announcement, your team .

- ① can select a language other than English
- ② doesn't need to use the provided forms
- ③ may include 6 or more students
- ④ will be judged by business professionals

## 第 2 問

A You are a college student participating in a study abroad program in the US. You've found the following information in the school's orientation materials.

### Student Lounge

(on the 1st floor of the main building)

The Student Lounge is managed by the Student Government of Smith University and is open to all students of Smith University. Furnished with sofas, chairs and tables, the spacious lounge offers an ideal place where students gather, relax, study and have fun.

#### GENERAL RULES

1. DO NOT make disturbing noise in the Lounge. Be mindful of other students.
2. Clean up trash and personal items after use.
3. When moving furniture to another location, be sure to lift it. DO NOT drag furniture so as not to damage the floor. Return furniture to its original location after use.
4. Flyers and posters can be posted on the bulletin board in the Lounge if approved by the Student Government in advance.
5. The Student Government reserves the right to ask any student to leave due to inappropriate behavior.
6. The Lounge is closed during the summer and winter break.

#### MONTHLY EVENTS

The Lounge hosts a variety of monthly events organized by the Student Government or other student clubs. Past events include movie nights, videogame tournaments and international student festivals.

### Student Voice

- *Whenever I stop by the Student Lounge between classes, I find some of my classmates there and enjoy chatting with them over coffee and snacks. I also make friends with many other students who happen to be there. During the summer break last year, some pieces of furniture were replaced and new artworks were painted on the wall. Now, this area is so cozy and comfortable that it feels like my second home.* (Max)
- *I have attended a few monthly events before, such as Halloween Night and the Valentine's Day Party, in the Student Lounge. Those were good opportunities for me to meet lots of students I had never met before. I enjoyed talking with them and exchanging information about classes, club activities, job hunting and so on. I recommend new students join monthly events to meet people from many different backgrounds.* (Julia)



問 1 Which two things are students allowed to do in the Student Lounge?

6

- A : Hold a monthly event
- B : Leave trash after lunch
- C : Lift and move furniture
- D : Play loud and disruptive music
- E : Post a flyer without approval

- ① A and B
- ② A and C
- ③ B and E
- ④ C and D
- ⑤ D and E

問 2 According to the **GENERAL RULES**, you may be asked to leave 7.

- ① due to preparation for a monthly event
- ② due to repair work on furniture
- ③ if you fail to behave yourself
- ④ if you stay there longer than an hour

問 3 From the information above, you learned that .

- ① the Student Government organizes all monthly events
- ② the Student Government purchased a new TV
- ③ the Student Lounge is a multi-purpose space
- ④ the Student Lounge is open throughout the year

問 4 One fact stated by a student is that .

- ① the Student Lounge feels like his second home
- ② the Student Lounge is on the 1st floor of the main building
- ③ the Student Lounge is open to all students of Smith University
- ④ the Student Lounge was renovated last year

問 5 One advantage of the Student Lounge that both Max and Julia mention is .

- ① a nice view through the windows
- ② enjoyable monthly events
- ③ interaction with other students
- ④ new furniture and artworks

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英語の試験問題は次に続く。

**B** *You are reading the following article in your school newspaper. The article was written by your classmate Johana, an exchange student from Australia.*

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According to an estimate, remote workers in the UK account for 52% of its workforce in 2022. The UK is almost tied with the US, whose share of remote workers is 1% higher than that of the UK. The UK is followed by Germany, where 37% of the total employees are remote workers.

Remote workers tend to agree that their work style has some benefits, including the following:

- **Better Work-life Balance:** Remote workers don't have to commute to and from work daily and can spend more time taking care of their family members, which leads to improvement in their work-life balance.
- **Higher Productivity:** Remote workers who work alone at home are not interrupted by their supervisors or co-workers, so they can focus on their work and be more productive.

On the other hand, there are some challenges that workers should be aware of. For one, it can be difficult for workers and their colleagues to maintain good teamwork only through online communication tools. Secondly, with no clear starting and ending time to their schedules, workers may end up working too long—in some cases almost an entire day. Also, as workers are physically separate from their colleagues, they may feel lonely, especially if they live alone.

I have observed these issues up close in my own family. These days, my mom usually works from home and spends more time with me and my sister, which I believe is good for all of us. However, she seems to be busy because she has lots of housework to do before, during, and after remote work. So, I try not to interrupt her or take up too much of her time. I also make sure to help her with housework, such as cooking and cleaning, after coming back from school. I'm sure my mom is thankful for my help.

問 1 According to the first paragraph of Johana's article, which of the following shows the countries' ranking from highest to lowest? 11

- ① Germany — the UK — the US
- ② Germany — the US — the UK
- ③ the UK — Germany — the US
- ④ the UK — the US — Germany
- ⑤ the US — Germany — the UK
- ⑥ the US — the UK — Germany

問 2 Which of the following statements best reflects a benefit listed in the article? 12

- ① 'I can choose to work at a nearby café or a co-working space for a change.'
- ② 'I can pay closer attention to my family than I used to.'
- ③ 'I can save money because I don't need to eat out often with my colleagues.'
- ④ 'There's no one watching me, so I'm free to do something unrelated to work.'

問 3 Which of the following is not mentioned as a challenge that remote workers should be aware of? 13

- ① Difficulty of managing time at home
- ② Difficulty of staying close to team members
- ③ Feelings of loneliness and isolation
- ④ Lack of workspace and equipment

問 4 Which best summarizes Johana's opinions about remote work?

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- ① It's not easy for her to help her mom and take care of her sister at the same time.
- ② Once people get used to remote work, they will never return to their office.
- ③ Remote work may not be a good option for those who like to socialize with people.
- ④ Remote workers need their family's understanding and cooperation.

問 5 Which is the most suitable title for the article?

15

- ① Common Health Issues among Remote Workers
- ② How to Supervise Remote Workers You Rarely Meet
- ③ Labor Shortage and Immigrants in Developed Countries
- ④ The Positive and Negative Aspects of Remote Work

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英語の試験問題は次に続く。

### 第3問

*You are reading a social media post about a detective fiction-themed vacation.*

If you are a writer of detective or mystery novels, or just a casual Sherlock Holmes or Agatha Christie fan, you might want to look into the vacation I took last weekend in Devon, UK. This brilliant trip gave me good insight into how to write a novel about solving a crime, and it was also fun.

I went with my best friend, but I came away from the experience with a few more. There were twenty of us who joined the two-night hotel stay through a travel agency called “Literary Tours”, a small company which organizes specialist vacations in Europe for those interested in literature.

The vacation, which is situated in a beautiful old hotel that Agatha Christie used to stay at, began on a Friday evening, with a dinner and a lecture on detective fiction. It sounds very serious, but it was interactive and fun, and involved lots of games. The highlight for me was the thrilling Saturday when, after the workshop, some theatre actors came and enacted a live mystery story in the hotel which involved a crime that we had to solve.

I highly recommend this vacation experience. Even if you like the outdoors, there are plenty of chances to get out and explore the places and scenery that the most famous British crime writer, Agatha Christie, enjoyed in the 1930s.

<b>Detective and Mystery Weekend</b> – At the Clifftop Hotel, Devon –		
Friday 5 <sup>th</sup> September	Saturday 6 <sup>th</sup> September	Sunday 7 <sup>th</sup> September
<u>Arrival at hotel from 15:00</u> • Meet and greet • Visiting Lecture • Dinner • Seaside walk	• <b>Workshop 1: Plot</b> • <b>Workshop 2: Character</b> • Dinner and Mystery evening: Actors perform “whodunit*” drama	• Excursion to local island and visit to Agatha Christie’s favorite hotel • Afternoon tea in the hotel gardens <u>Checkout from hotel by 16:00</u>
Price does not include extra personal costs (laundry, drinks etc.) or travel to the hotel.		

**£500** two nights  
full board

\* whodunit : 犯人探しを重視したミステリー作品のこと。



問 1 From this post, you learn that 16 .

- ① the lecture is interesting but also serious and academic
- ② the vacation lasts three nights and includes dinner every day
- ③ there are a lot of opportunities to communicate with people
- ④ you have to be a writer of detective stories to join

問 2 On Saturday evening the writer got to 17 .

- ① eat dinner while watching an old mystery film
- ② judge who wrote the most thrilling story
- ③ listen to a mysterious performance by a musician who came to the hotel
- ④ watch a performance and solve the crime played out in the drama

## 第 4 問

*You want to take time out to exercise your body and have found an interesting article about an athlete's experience.*

### **Adventure Racing**

Adventure racing is a very difficult sport which requires teams of four people to race over a 500 km course without stopping. However, the race is not simply running, as it can also include other forms of racing, such as cycling, swimming, canoeing or even horseback riding. Anything that doesn't involve a motor.

Not many people know about this physically demanding sport, so I am trying to raise awareness by writing about it and by uploading videos onto various social media platforms. Hopefully, more people will take it up in the future.

I have been adventure racing for ten years, so I am now an experienced veteran of the sport, but I did not feel as confident when I started the hobby. Still, there is not much you can do in the way of preparation. The best way to learn is to join competitions and get real experience, because you never really know what might happen in a race. But you need to be prepared to work as part of an effective team, and you need a strategy.

I remember my first race was a 36-hour race, which seemed a long time. My only previous experience had been in cross-country running where a 5 km race seemed long. The only preparation I did for the race, which was in Australia, was to practice the four sports involved in the race as hard as I could. The race itself consisted of a run followed by climbing and then cycling, but the first event was kayaking, which took a lot of practice.

Only practicing these four sports was a mistake though, because it is not always the most physically prepared or the fittest teams that win. Teams need to adapt to unexpected situations, different team members' strengths and weaknesses, and work out the best route together.

In that race, two of my team members dropped out because of exhaustion, and this could have been avoided if we had communicated better. In adventure racing, you need to plan a route, plan to take rest stops, and pace yourself according to the slowest team member. If one member fails, the whole team fails, so ultimately, we lost that time. Not finishing the race taught me a lot about the sport, however, and now I am a successful adventure racer. I want to emphasize that the beauty of the sport is having a true sense of teamwork.

問 1 Choose **four** out of the six events (① ~ ⑥) in the order in which they happened during the writer's first race.

18 → 19 → 20 → 21

- ① Canoeing
- ② Climbing
- ③ Cycling
- ④ Kayaking
- ⑤ Running
- ⑥ Swimming

問 2 Why did the writer's team fail in Australia? 22

- ① All of the team members were good at kayaking and practiced too hard.
- ② One of the team members trained too hard and got injured.
- ③ The writer spent too much time resting compared to the other members.
- ④ Two of the team members quit because of exhaustion.

問 3 What did the writer learn from their experiences? 23

- ① Australia is the best country for adventure racing.
- ② The important thing is to work as a group.
- ③ The sport has become really well-known now.
- ④ You have to train really hard in cross-country running.

## 第 5 問

*In your English class, you are preparing to give a speech about your home or family. Your classmate, Jessie, has written the following speech draft based on his notes.*

James and I (Jessie) are identical twins. We both have brown hair and green eyes, are the same height, and have the same voice. When we were little, it was hard for even our parents to tell us apart.

Because we look identical, people like to assume we're similar on the inside too, but we actually have completely different personalities. James is the outgoing, athletic one: he loves to play sports and meet new people, but he doesn't like studying. On the other hand, I love studying. I'm introverted and would choose reading over sports any day.

Although we're pretty different, one thing that we have in common is our resentment towards being compared to one another. Whenever James gets bad grades on his report card, or I spend all day in my room instead of going out, we always get told "Why can't you be more like your brother?", to which James usually responds with an eye roll, and I with an uncomfortable laugh. If we had a dime for every time each of us was asked this, we would be rich.

Being constantly compared is just something you have to come to accept as a twin. But sometimes it's hard because it's something you know all too well without having to hear it from somebody else. Of course, there are things about my brother that I admire; I wish that I could be as sociable as James, who has lots of friends. I sometimes think about what it would be like to be the popular guy on the football team. But at the same time, I know that I'm a hard worker and my passion for academic life will take me places in the future. I also know that James doesn't have the same appreciation for literature as I do. I wouldn't change these things about myself, and I'm sure James feels the same way about himself, too.

Although I let these thoughts affect my self-esteem when I was younger, over the years being a twin has helped me realize that our differences are what make us unique. I think we should be proud of them instead of trying to change who we are. Rather than comparing what we do and don't have, I like to think that we complement each other with our different talents.

Your notes:

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**About James and Me**

— Being identical twins, we look exactly alike, but our personalities are dissimilar and 25 .

	Interests	Personality Traits
<b>James</b>	sports and 26 activities	27 and popular
<b>Jessie</b>	reading and academic activities	28 and hard-working

**What Both of Us Think**

- We really don't want to be compared so consistently, and so often.
- We 29 .

**The Main Points**

- 30 .
- 31 .

問 1 Which is the best title for this speech? 24

- ① Putting Twin Beds in Your Room
- ② Similarity and Difference in My Family
- ③ The Advantages of Being Born as Female Twins
- ④ The Happiness of a Life with Literature

問 2 Choose the best options to complete the description of James and Jessie.

25 ~ 28

- ① changeable
- ② introverted
- ③ physical
- ④ sociable
- ⑤ unique

問 3 Choose the best option for 29 .

- ① accept that we are twins and take pride in our contrasting personalities
- ② feel disgusted about looking the same and having the same voice
- ③ want to act unfriendly and spend less time with each other
- ④ want to be compared and like to be considered better than the other

問 4 Choose the best options for **30** and **31** . (The order doesn't matter.)

- ① Individual differences are important and can be complementary
- ② It is important to constantly change so that you can improve yourself
- ③ You should have respect for parents and relatives
- ④ You shouldn't assume that looking alike means we are the same
- ⑤ We should change ourselves so that we can be richer than average

## 第 6 問

*You and your classmates are preparing for a group presentation. You are reading the following article to make a poster.*

### **Opportunities and Challenges for Wind Power Development**

Wind energy has been utilized since the old days to help people perform daily tasks such as pumping water and grinding grain. Along with solar energy, it is now regarded as one of the most feasible forms of renewable energy and is playing a key role in the transition to a carbon-neutral society. As a potential alternative to conventional power plants, wind farms have been built in many countries since the early 21st century. A wind farm refers to an area where wind turbines are grouped together to capture and utilize wind energy in order to generate electricity. China and the U.S. are the world's largest producers of wind power and are well-known for their large-scale wind farms, each of which consists of hundreds of tall turbines with long blades.

There are two types of wind farms: onshore and offshore. Currently, about 95% of the global wind power output is sourced from onshore farms, most of which are located in rural areas or on the coast. Although land-based wind farming is an efficient and low-cost method of power generation, there are some issues to resolve. First, despite recent improvements, wind turbines are quite noisy when their blades are spinning and may disturb local residents who live in the surrounding areas. Another concern is the aesthetic impact that a wind farm could have on the landscape. For fear of so-called visual pollution, local residents tend to oppose the construction of new wind farms within view.

In response to these issues, some countries, such as the UK and Germany, are shifting their focus to offshore wind farming. By installing wind turbines at sea, these countries can gain access to seemingly unlimited space and take advantage of stronger winds and consistent wind direction. So far, most offshore farms have been built in relatively shallow waters—up to 50 meters deep—where the “fixed-bottom method” is commonly used. It's a costly yet proven construction method that enables the bottom of a wind turbine's foundation to be fixed to the seabed.

In order to boost wind power capacity, governments and developers are searching for new sites farther away from the coast. In some pre-commercial projects located in very deep waters, the “floating-bottom method” is used. Where the sea water is more than 50 meters deep, a wind turbine is placed upon a floating platform first and then the platform is anchored to the seabed



with chains or steel cables. It's an innovative technology, but it remains to be seen whether or not the new method will be widely adopted anytime soon. This is because the floating system must be durable enough to withstand powerful winds, rough waves and high water pressure. In addition, it's extremely challenging and costly to transport materials over a long distance and install complex structures deep underwater.

Currently, wind farms—especially offshore farms—are planned or under construction in many parts of the world. However, conservation groups warn that wind farms could pose a threat to wildlife and its habitats both on land and at sea. They claim that flying birds are injured or killed when they accidentally collide with the spinning blades of wind turbines. Also, massive structures and extended power cables could damage the ground or the seabed and disrupt ecosystems in the long run. Governments and developers have to be aware of these risks and take all possible measures to minimize potential damage to the environment. They will never be allowed to sacrifice the environment despite the urgent need to accelerate the shift to renewable energy.

Your presentation poster draft:

<b>Wind Power Development on Land and at Sea</b>				
<b>● Wind Farm Types and Characteristics</b>				
<b>Wind Farm Location</b>		<b>Advantages</b>	<b>Major Issues (A)</b>	<b>Major Issues (B)</b>
Onshore		<ul style="list-style-type: none"> <li>• Efficient and low-cost power generation</li> </ul>	<ul style="list-style-type: none"> <li>• <input type="text" value="33"/></li> </ul>	<ul style="list-style-type: none"> <li>• Bird strike</li> <li>• Disruption of ecosystems</li> </ul>
Offshore	In shallow waters (up to 50 meters deep)	<ul style="list-style-type: none"> <li>• Plenty of space</li> <li>• Strong winds</li> <li>• Consistent wind direction</li> </ul>	<ul style="list-style-type: none"> <li>• High cost of construction</li> </ul>	
	In deep waters (deeper than 50 meters)		<ul style="list-style-type: none"> <li>• High cost of construction</li> <li>• <input type="text" value="34"/></li> </ul>	
<b>● Conclusion</b>				
Governments and developers should <input type="text" value="35"/>				

問 1 From the first paragraph, you learn that the wind farm refers to 32 .

- ① a power plant built next to farmland
- ② a power plant that utilizes wind energy
- ③ an area where solar panels are grouped together
- ④ an area which is too windy for local farmers

問 2 Choose the best options for 33 and 34 to complete the table.

- ① Coal-burning power plants emit CO<sub>2</sub> and contribute to global warming
- ② Engineers find it difficult to install wind turbines on mountain slopes
- ③ The durable structures have to be installed in challenging locations
- ④ The noise and appearance of wind turbines may disturb local residents
- ⑤ When the wind is too strong or weak, wind turbines may stop running

問 3 According to the article, which of the following is most appropriate for  ?

- ① negotiate with local residents to convince them that the future of their country depends on wind power
- ② prioritize wind power development over the protection of the environment to reduce CO<sub>2</sub> emissions
- ③ shift their focus from wind energy to solar energy because solar farms do less harm to the environment
- ④ strike a balance between the promotion of wind energy and the protection of the environment

問 4 According to the article, which two of the following are true? (The order doesn't matter.)  ·

- ① Birds are more likely to collide with the spinning blades of wind turbines on land than at sea.
- ② It's too early to tell whether or not the floating-bottom method will become commonly used.
- ③ One of the two construction methods is selected depending on the sea water depth.
- ④ Onshore farms produce far less electricity than offshore farms today.
- ⑤ The bottom of a wind turbine's foundation is fixed to the seabed in very deep waters.