

I 放送を聞いて、それぞれの質問に対する答えとして最も適したものをア～エから選びなさい。

- (1) Which is the fastest way to get to the airport?
ア By train.
イ By bus.
ウ By taxi.
エ On foot.
- (2) What will the speaker probably do next?
ア She will go to school and talk to her teacher.
イ She will ask Mary to look for the book at her house.
ウ She will study math for tomorrow's exam without the book.
エ She will look for the book at school with her friends.
- (3) What is the speaker asking listeners to do?
ア Check a schedule.
イ Return tomorrow.
ウ Buy gifts.
エ Leave the museum.
- (4) Which is true about alligators?
ア Their tails are shorter than crocodiles'.
イ Their heads are smaller than crocodiles'.
ウ Most of them live in the sea.
エ Wild alligators live only in North and South America.
- (5) What does the woman decide to do?
ア Exchange the broken plate.
イ Buy some new plates.
ウ Keep her set of dishes.
エ Get her money back.

II 次の英文を読んで、あとの問いに答えなさい。

(1) There are still a few people in northern Europe who think that global warming is not such a bad thing. In northern Europe, summer can sometimes last only a few weeks, so many want it to get a little hotter.

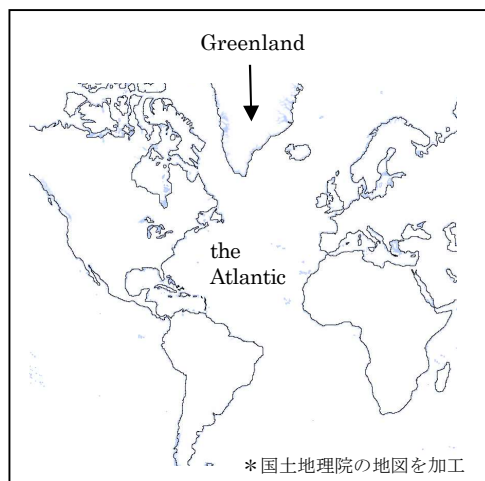
[A], things are not so simple. Global warming doesn't just mean that the world will slowly get warmer. [B], some areas can get colder — a lot colder. The latest *predictions are that northern Europe may even move into an ice age.

While areas of south-eastern Europe, such as *Greece, will continue to get hotter and drier, *Britain may find that it is surrounded by sea ice in the winter months at least.

The reason for this *concerns the Greenland *ice sheet. This is one of the biggest areas of ice in the world — around 1,500km long and 600km wide. (2) It is so big that if it all melts, sea levels will rise by 7 meters. Because of rising *emissions of greenhouse gases, this ice sheet is melting at a high speed. But how can the melting of the Greenland ice sheet lead northern Europe into a new ice age?

One important event is called *the Gulf Stream. This is the stream of warm water that comes up from central America and *flows across the Atlantic to northern Europe. (3) This warm water [higher / Britain / the much / enjoyed / explains / by / temperatures] than those of some parts of Canada and Russia which are *equally far north of the *equator. Warm water is carried across to Europe near the *surface of the Atlantic, and at its *northernmost point it cools and (4) sinks because the water from the hot area has a higher *salt content than the water near the Arctic. The cold, *dense water then flows south close to the ocean floor, back towards central and south America to finish the cycle.

Scientists are beginning to make predictions of a coming ice age in the northern *hemisphere because they have found that the water flowing from the melting Greenland ice sheet is flowing into the course of the Gulf Stream. The water from the melted ice will make the water in the Gulf Stream less dense, and stop the water from sinking in the north, and then the deep flow to the [C] will stop. This will cut off the flow of warmer water to the [D]. At that point the seas around Britain will begin to freeze.



(注) prediction 予測 Greece ギリシャ Britain 英国
concern ～と関係がある ice sheet 氷床 emission 排出
the Gulf Stream メキシコ湾流 flow 流れる, 流れ equally 同様に
equator 赤道 surface 表面 northernmost 最北の
salt content 塩分 dense 濃い hemisphere 半球

- 1 下線部(1)の理由を日本語で答えなさい。
- 2 空所[A], [B]に入る語句をア～エからそれぞれ1つずつ選びなさい。ただし、同じものを2度用いてはならない。
ア So イ In fact ウ First エ In this way オ However
- 3 下線部(2)を日本語に直しなさい。
- 4 下線部(3)が「英国がはるかに高い気温を享受している理由は、この温かい水によって説明できる」という意味になるように[]内の語または語句を並べ替えなさい。
- 5 下線部(4)の語の説明として最も適したものをア～エから選びなさい。
ア to move more slowly and finally stop
イ to change into gas because of the heat
ウ to become hard and often change into ice
エ to go down below the surface towards the lowest point
- 6 空所[C], [D]に入る語をア～エからそれぞれ1つずつ選びなさい。
ア east イ north ウ west エ south
- 7 科学者の予測に従って、次のア～オをこれから起こるであろう順番に並べ替えなさい。
ア 南向きの流れが止まる
イ 氷床が溶け、その水がメキシコ湾流に流れ込む
ウ 北ヨーロッパの海が凍り始める
エ 北向きの流れが止まる
オ メキシコ湾流の塩分濃度が低くなる



Caving (洞窟探検) に関する次の2つの英文を読んで、あとの問いに答えなさい。

Caving

For some people, the underground is more interesting than the world above. When they travel to another country, they don't go to the beach or hiking in the forest. They like to spend their vacation time in caves. These people are called (1)cavers. There are lots of famous caves around the world to *explore. Mammoth Cave, for example, is known as the longest cave in the world. And there are a lot of tours with guides to allow you to see inside. The cave has a living *ecosystem of animals, and some amazing things. The strange rock *shapes created by *dripping water are some of the most amazing things in the world. (2)It is hard to imagine that they can take thousands of years, or even longer, to be created. Although it is very hard to *crawl through a small space, it is also *incredible to discover a new cave on the other side. When you shine your light up in the dark, it is like discovering a new world.

Great Fun At Mammoth Cave!

EXCELLENT!! My wife and I spent three days enjoying Mammoth Cave and had a wonderful experience. If you are looking for some underground experiences, Mammoth Cave National Park is the best place to visit. (3)The first thing [the tour tickets / have / buy / you / to / to / is / do] at the visitor center. The tour guides are great and know a lot of things. (4)Some tours are limited in size so you need to make *reservations before you arrive.

We'll give you some more advice:

- The temperature in the caves is cool so you should bring a light jacket.
- You should wear good walking or hiking shoes, not sandals.
- People who are taller than 170 centimeters should wear a bicycle helmet on some of the tours to avoid (5)some "ouch" moments.
- Flash photos are not allowed so you can leave your camera in the car.
- You are not allowed to bring food or drink into the caves.
- If you bring your dog, you will have to leave your car windows open because there is very little *shade in the parking area.

(注) explore 探検する ecosystem 生態系 shape 形 drip したたる
crawl はって進む incredible 信じられない reservation 予約
shade 日陰

- 1 下線部(1)cavers とはどのような人のことか、本文に即して日本語で説明しなさい。
- 2 下線部(2)について以下の問いに答えなさい。
① they が指しているものを詳しく日本語で述べなさい。
② 全体を日本語に直しなさい。ただし、they は「それら」でよい。
- 3 下線部(3)が意味の通る英文になるように[]内の語または語句を並べ替えなさい。
- 4 下線部(4)を日本語に直しなさい。
- 5 下線部(5)とはどのような状況か。15字以内の日本語で説明しなさい。
- 6 次の問いに対する答えとして最も適したものをア～オから選びなさい。
Which is necessary when you go into the Cave?
ア a camera イ a dog ウ a light jacket エ a bicycle オ a pair of sandals
- 7 次の英文が本文の内容に合っていれば T、合っていなければ F を書きなさい。
ア Mammoth Cave is longer than any other cave in the world.
イ It is too cold in Mammoth Cave for animals to live.
ウ Not all the caves are big enough for people to walk through.
エ You have to spend three days experiencing Mammoth Cave.
オ You can't leave your dog in the car because the parking area is very hot.

IV

次の文章の下線部(1)～(4)を英語に直しなさい。

100メートル9秒58, 200メートル19秒19の世界記録を持つウサイン・ボルト氏が、ロンドン世界陸上を最後に現役から引退した。(1)彼のように速く走りたいと思っている子供たちが世界中にたくさんいる。そんな子供たちへのメッセージは「全ては練習。(2)俺も初めて競技場に行った時には勝てなかった。才能は誰にもあるが、その中で最も努力した人が頂点に立てるんだ」というものだ。(3)彼も子供の頃から懸命に練習してきたのだ。さらに「(4)もし何をしたらよいか分からないのなら、まず体を強くすべきだ。特に腹筋と背中周りを鍛えると簡単にけがをしなくなり、走りが安定する。それにより多くの技術的な練習ができるようになる」とも述べている。

(注) 競技場 the arena

英語 解答用紙 <No. 1>



(1)		(2)		(3)		(4)		(5)	
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小計	
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1

2

A		B	
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3

4

5

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6

C		D	
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7

	→		→		→		→	
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小計	
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1

2

①	
②	

3

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4

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5

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6

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7

ア		イ		ウ		エ		オ	
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受験 番号	
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小計	
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小計の合計	
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英語 解答用紙 <No. 2>

IV

(1)	
(2)	
(3)	
(4)	

小計	
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受験 番号	
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合計	
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放送を聞いて、それぞれの質問に対する答えとして最も適したものをア～エから選びなさい。

(1) I'll tell you how to get to the airport. There are several ways to go there. The easiest but most expensive way is to just take a taxi. It's a little too far to go on foot. If you're in a hurry, it's best to take a train. It takes about 15 minutes. If you want to save money, you should take a bus. Buses go directly from the main bus terminal to the airport.

Q: Which is the fastest way to get to the airport?

- ア By train.
- イ By bus.
- ウ By taxi.
- エ On foot.

(2) My math book is missing. I can't find it. I have looked everywhere — in my bag, in my room, at school, and at the library. I need it to study for our test tomorrow. What should I do? Should I talk to my teacher? Ah! Maybe it's at Mary's house. Yesterday, I studied there with some of my friends. Yes. I'm sure I left it there.

Q: What will the speaker probably do next?

- ア She will go to school and talk to her teacher.
- イ She will ask Mary to look for the book at her house.
- ウ She will study math for tomorrow's exam without the book.
- エ She will look for the book at school with her friends.

(3) May I have your attention, please? It is now 4:50 p.m. and the Museum of Natural History will be closing in ten minutes. When you finish enjoying the museum, please leave through the front doors. If you would like to buy any gifts, the museum shop is just outside and will remain open until 5:30 p.m. The museum will open tomorrow morning at ten o'clock as usual. Thank you very much for coming today, and we hope to see you again soon.

Q: What is the speaker asking listeners to do?

- ア Check a schedule.
- イ Return tomorrow.
- ウ Buy gifts.
- エ Leave the museum.

(4) Crocodiles and alligators are big animals living in the water. Many people think they are the same, but there are some differences. For example, a crocodile's head is bigger than an alligator's. Crocodiles can live in the sea, but most alligators live in fresh water. Also you can see wild crocodiles all over the world, but wild alligators are found only in the Americas and China.

Q: Which is true about alligators?

- ア Their tails are shorter than crocodiles'.
- イ Their heads are smaller than crocodiles'.
- ウ Most of them live in the sea.
- エ Wild alligators live only in North and South America.

(5) W: Hello, could you help me? I bought this set of dinner plates at your store last week, but when I got home, I found that one of the plates was broken. Can I exchange it?

M: I'm sorry, but we don't have any left in this design. If you have a receipt, we can give you your money back.

W: Yes, I have the receipt, but don't worry about the money. I think I'll keep this set because I really like the design. I probably don't need all of the plates anyway.

Q: What does the woman decide to do?

- ア Exchange the broken plate.
- イ Buy some new plates.
- ウ Keep her set of dishes.
- エ Get her money back.