この冊子は、英語の問題で1ページより9ページまであります。

〔注 意〕

- (1) 試験開始の指示があるまで、この冊子を開いてはいけません。
- (2) 監督者から受験番号等記入の指示があったら、解答用紙に志望学科と受験番号を 記入してください。また、解答用マークシートには受験番号と氏名を記入し、さら に受験番号と志望学科をマークしてください。
- (3) 解答は、所定の解答用紙に記入したもの及び解答用マークシートにマークしたものだけが採点されます。
- (4) 解答用マークシートについて
 - ① 解答用マークシートは、絶対に折り曲げてはいけません。
 - ② マークには黒鉛筆(HBまたはB)を使用してください。指定の黒鉛筆以外でマークした場合、採点できないことがあります。
 - ③ 誤ってマークした場合は、消しゴムで丁寧に消し、消しくずを完全に取り除い たうえ、新たにマークしてください。
 - ④ 解答欄のマークは、横1行について1箇所に限ります。2箇所以上マークすると採点されません。あいまいなマークは無効となるので、はっきりマークしてください。
 - ⑤ 解答用マークシート上部に記載されている解答上の注意事項を、必ず読んでから解答してください。
- (5) 試験開始の指示があったら、初めに問題冊子のページ数を確認してください。 ページの落丁・乱丁、印刷不鮮明等に気づいた場合は、手を挙げて監督者に知ら せてください。
- (6) 問題冊子は、試験終了後、持ち帰ってください。

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次の英文は *The Guardian* 紙に掲載された'Will Global Warming Trigger a New Ice Age?'という記事です。これを読んで、下記の設問に答えなさい。

(47点)

One of the most thrilling headlines of recent years was surely this one tucked away on an inside page of the London commuters' paper, *Metro*: 'British Winter Olympics in 2031?' Was the government about to fund a huge investment in refrigeration units and snow-blowers so that our Olympians could at last realize their potential on home soil? No need. It would all happen thanks to natural forces. 'The "plus side" of climate change is that Britain may be cold enough to host the Winter Olympics in 25 years' time, a scientist has warned.' And you thought the weather getting *warmer* was the plus.

The clue is in the word 'warned.' After all, we wouldn't need a warning in order to enjoy a plus, would we? The real story concerned the decidedly less enticing* possibility of a new ice age, although space did not permit an explanation of how this might come about.

With global temperatures on the rise by many measures, ice age warnings have been out of fashion lately. But this was not always the case. In 1973, the American magazine Science Digest wrote: 'the world's climatologists are agreed... that we do not have the comfortable distance of tens of thousands of years to prepare for the next ice age ... once the freeze starts, it will be too late.' A couple of years later, a New York Times headline ran thus: 'Scientists ponder* why the world's climate is changing: major cooling widely considered to be inevitable.' Popular science books and television documentaries amplified the alarm. The most notorious of these, Lowell Ponte's The Cooling, claimed that 'cooling has already killed hundreds of thousands of people in poor nations... If it continues, and no strong measures are taken to deal with it, the cooling will cause world famine, world chaos, and probably world war, and this could all come by the year 2000.'

What would bring on a new ice age? It depended on who you read, but there was no shortage of choices. Climatologist Stephen Schneider cited the possibility of an extreme snow deluge* or disintegration of Antarctic ice sheets. Science writer John Gribbin's *Future Weather* discussed possible fluctuations* in the output of the sun and dust in the atmosphere. The astronomer Fred Hoyle thought meteorites* might do it.

All were writing during a cool spell in the world's climate. The 1910s to the 1940s had been unusually warm, creating dust-bowl conditions* in the American Midwest. But thereafter, it was cooler than average long enough for climatologists to 'become used to the idea that the world was in a cooling phase,' as Gribbin admits in a later, rather different book on climate change, *Hothouse Earth*.

An ice age is perhaps the climatic change we can imagine most clearly, partly because we have evidence of what previous ice ages were like, and partly because it brings with it the visible transformation of water, the staff of life, from a usable liquid to an inaccessible solid—a dramatic and disastrous change of state that has no equivalent in global warming or other major climatic shifts. We have a folk memory of the Little Ice Age in the seventeenth and eighteenth centuries, reinforced in the paintings of Bruegel and Avercamp* and in stories of the Pilgrim Fathers* being helped through their first winter in the New World by the native Americans. And, at least in cultures that experience winter, we possess a darker mythology of the cold personified by ice queens, ice maidens, and snowmen, which has no warmworld counterpart.

Scientific evidence obtained from a range of sources indicates that ice ages occur every 100,000 years or so, punctuated by shorter interglacial periods lasting 10,000 - 20,000 years. ((8)), the Earth is a world of ice where, every now and again, circumstances conspire to produce a temporary thaw.*

(Notes)

enticing: 心をひきつける

ponder:熟考する

snow deluge: 大積雪

fluctuations:変動

meteorites: 隕石

dust-bowl conditions:土壌の乾燥が引き起こした巨大な砂嵐に地域一帯

を覆われた状態

Bruegel and Avercamp: ブリューゲル(「雪中の狩人」で知られる 16 世紀

フランドルの画家)とアーフェルカンプ(冬の風

景画を得意とした17世紀オランダの画家)

the Pilgrim Fathers: 1620年,信仰の自由を求めてイギリスから北アメ

リカに移住した清教徒の一団

thaw:雪解け

- (1) 下線部(1)の内容を説明するのに最も適当なものを下記の中から1つ選んで、 その番号を**解答用マークシート**にマークしなさい。
 - 1 Although Britain's temperature may rise by the Winter Olympics in 2031, the government has sufficient financial resources to cope with it.
 - 2 The warning against a future climate change has finally enabled the British Olympians to appreciate the advantages of their homeland.
 - 3 A possibility of Britain's getting warmer may sound like a disadvantage, but it is good news if the country can host the Winter Olympics in the future.
 - 4 Britain may be able to host the Winter Olympics in the future, because the temperature of the country will be very low due to climate change.

(2)	下線部	3(2)を以下のように言い換えた場合,	空所に入れるのに最も適当な 英語
1	語を,	解答用紙の所定の欄に記入しなさし	7°

this was not always ().

- (3) 下線部(3)の意味として最も適当なものを下記の中から1つ選んで、その番号を解答用マークシートにマークしなさい。
 - 1 although we still have tens of thousands of years before the next ice age, we should start preparing for it
 - 2 we may not be living far enough from the regions that may get severely cold in the next ice age
 - 3 tens of thousands of years is not enough time for us to prepare for the next ice age
 - 4 we cannot feel relaxed, for the time allowed us to prepare for the next ice age may not be that abundant
- (4) 下線部(4)の意味として最も適当なものを下記の中から1つ選んで、その番号 を解答用マークシートにマークしなさい。
 - 1 many scientists believe that the Earth will surely cool down in the future
 - 2 global cooling is believed by many scientists to be seriously damaging
 - 3 many scientists believe that they must cool down the Earth's temperature
 - 4 a global-scale cooling system is believed by many scientists to be unnecessary
- (5) 下線部(5)の母音の発音と同じ母音の発音を含むものを下記の中から1つ選んで、その番号を解答用マークシートにマークしなさい。
 - 1 neat 2 pear 3 rear 4 instead

(6) 下線部(6)の本文中における意味に最も近いものを下記の中から1つ選んで、 その番号を**解答用マークシート**にマークしなさい。

1 undoubtedly

2 undeniably

3 exceptionally

4 comparatively

- (7) 下線部(7)が指している**英語 1** 語を本文中から抜き出し、それを**解答用紙の所 定の**欄に記入しなさい。
- (8) 空所(8)に入れるのに最も適当な語句を下記の中から1つ選んで、その番号を 解答用マークシートにマークしなさい。

1 What is more

2 In spite of that

3 On the contrary

4 Put another way

- (9) 次の各英文について、本文の内容に一**致する**ものには正を、一**致しない**ものには誤を、それぞれ解答用マークシートにマークしなさい。
 - 1 The British government had been trying to cool down the country's temperature until they found out it was not necessary.
 - 2 In his book Lowell Ponte appeals for strong means against another ice age.
 - 3 Although a long period of cold weather followed the hot decades of the 1910s to the 1940s, some climatologists maintained their theory of global warming.
 - 4 One reason we can imagine an ice age vividly is that it has been described in many popular science books and television documentaries.
 - 5 People in warm climate regions usually do not personify the cold in their cultural traditions.

右のページは白紙です。

		*

2 次の英文を読んで、(ア)~(エ)の各下線部の語または語句を意味が通るように並べ 換え、その番号を上から順に**解答用マークシート**にマークしなさい。

(30点)

The Russian space agency Roscosmos is planning to travel to the moon—and stay there. 'We're not talking about repeating what mankind achieved 40 years ago,' said Vladimir Popovkin, head of Roscosmos. 'We're talking about establishing permanent bases.'

Roscosmos has already said that it aims to put a man on the moon by 2030. The mission was revealed at the Global Space Exploration Conference—an international space conference (1 was 2 nor China 3 which 4 America 5 neither 6 at) present.

The Japanese space agency JAXA also revealed that (1 missions 2 planning 3 moon 4 was 5 manned 6 it). 'We are looking at the Moon as our next target for human exploration,' said Yuichi Yamaura, an associate executive director at JAXA.

An official statement from the conference said, 'The International Space Station has (1 a lot 2 about 3 us 4 more 5 learn 6 helped) humans in space but we still have more to learn. Will private space entities eventually turn to a settlement and colonisation model going forward, and will this open up space settlement and colonisations in (1 were 2 of 3 thought 4 that 5 not 6 ways) in previous decades?'

'We have produced and flown more hardware over the last 30 years than we will need for Mars, although the necessary technologies aren't necessarily the same. The key to success is austere* programs that are properly led and focused.'

(Note)

austere: 厳しい

右のページは白紙です。

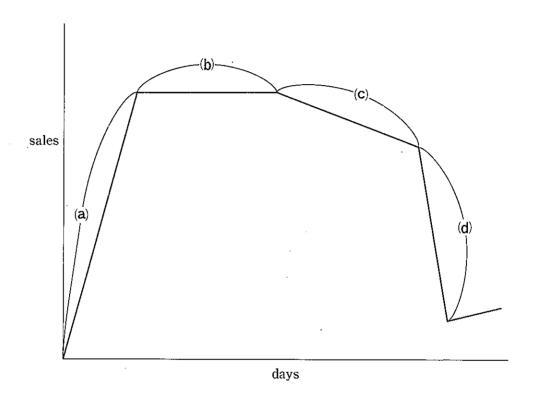
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- 3 次の会話文の各空所に入れるのに最も適当なものを下記の中から1つずつ選んで、その番号を**解答用マークシート**にマークしなさい。なお((ア))には2ヶ所とも同じものが入ります。また、大文字で始まるものも小文字で示しています。
 - A: Excuse me, sir. Could you help me a second?
 - B: Yeah. Sure. ((7)). How can I help you?
 - A: I'm trying to get to the Plaza Hotel and I don't know where I am or how to get there.
 - B: Okay. Well, right now, we're on 42 nd and Broadway. Um, ((イ)), I would probably walk over two blocks towards 5th Avenue and ((ウ)). And walk approximately 17 blocks or so. You'll see the hotel on your left-hand side.
 - A: Do you know about how long ((x))?
 - B: About 20 to 30 minutes.
 - A: Well, you know, ((x)). Um, is there a subway line I could take to get there a little faster?
 - B: Sure. You can take the N & R uptown and get off at the third stop. That should take you to 5th Avenue. You'll see the hotel right in front of you.
 - A: You know, do you think if I took a cab, I could get there faster?
 - B: You could. But in today's traffic, I wouldn't.
 - A: All right. Thanks for your help.
 - B:((7)).

- (7) 1 no kidding 2 no passing 3 no problem 4 no way
- (1) 1 since you have heavy luggage
 - 2 since you're walking
 - 3 since we're going in opposite directions
 - 4 since you're exhausted
- (ウ) 1 make a draft
 - 3 make a move
- (x) 1 that's going to cover
 - 3 that's going to run
- (オ) 1 I'm going to hang around
 - 3 I'm kind of on a diet

- 2 make a left
- 4 make a shift
- 2 that's going to last
- 4 that's going to take
- 2 I'm out of cash at the moment
- 4 I'm kind of in a hurry.

4 次のグラフ中の直線部(a)~(d)の説明として最も適当なものを下記の中からそれ ぞれ1つずつ選んで、その番号を解答用マークシートにマークしなさい。なお、 同じものを複数回使用してはいけません。 (8点)



- 1 Sales vary.
- 2 Sales rise gradually.
- 3 Sales drop suddenly.
- 4 Sales remain constant.
- 5 Sales decrease by degrees.
- 6 Sales increase dramatically.



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