

受験番号	
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令和2年度
大分工業高等専門学校編入学試験問題

外国語
(各学科共通)

令和元年11月16日(土)
12:50 ~ 13:50

【注意事項】

1. 指示があるまで問題用紙は開いてはいけません
2. この問題は表紙のほかに5ページあります
3. 全てのページの受験番号欄に受験番号を記入しなさい
4. 各解答は所定の解答欄に記入しなさい

外国語(各学科共通)

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1. 次の各英単語について、意味的に最も近い語を下の語群から1つずつ選び、その記号を記しなさい。

- (1) error (2) ache (3) condition (4) earth (5) power
 (6) seek (7) shift (8) target (9) thunder (10) woods

(語群)

- (a) mistake (b) change (c) force (d) forest (e) goal
 (f) globe (g) lightning (h) pain (i) search (j) situation

解答欄

(1)	(2)	(3)	(4)	(5)
(6)	(7)	(8)	(9)	(10)

2. 次の各日本文に合うように、英単語（1語）を記しなさい。

(1) 飛行機から見ると、その島は船のように見える。

Seen from the plane, the island looks () a ship.

(2) ヘンリーはこのクラスで2番目に背の高い学生です。

Henry is the () tallest student in this class.

(3) もう一度言っていただけませんか。

Would you () repeating that?

(4) このコンピューターはどこかおかしい。

Something is wrong () this computer.

(5) 私は彼が何をしたいのかわかりません。

I don't know () he wants to do.

(6) 私の犬は年を取ればとるほど、ますます太っていく。

The () my dog gets, the fatter he gets.

(7) 私の父はゴルフをするのが好きだ。

My father enjoys () golf.

(8) 彼女は親切にも私の荷物を運んでくれた。

She was kind () to carry my baggage.

(9) 以前は仕事のあとにジムに行ったものだ。

I () to go to a gym after work.

(10) 彼らが私を幸せにしてくれた。

They () me happy.

解答欄

(1)	(2)	(3)	(4)	(5)
(6)	(7)	(8)	(9)	(10)

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3. 次の会話文において、会話が成り立つように (1) ~ (5) に入る英文を下の枠内から1つずつ選び、その記号を記しなさい。

Paul : Did you watch the rugby game last week?

Mike : Of course – I’ve always been a big rugby fan. My wife and kids love playing it, too!

Paul : Really? I didn’t know you were such a big fan! Have you ever seen a public viewing?

Mike : (1)

Paul : I went last week, and there were thousands of people, but it was a very good atmosphere. Everyone was cheering and celebrating together. I felt it great to be there with all the other people from many different countries!

Mike : (2)

Paul : The last match was New Zealand versus England. It was a very interesting match!

Mike : Everyone thought the All Blacks would win, but in the end they didn’t...

Paul : I know... It was a very shocking and surprising result. But it was fun to watch!

Mike : (3)

Paul : There were a lot of volunteers helping people with a stamp rally, and many different kinds of food from other countries, too! Everything was delicious, but a little expensive...

Mike : (4)

Paul : There was so much, I can’t decide on just one... They had a traditional Canadian food called *poutine* – it was French fries with meat sauce and cheese. Delicious but I don’t think it was very healthy. The beer was also ¥1000! I didn’t have any, though.

Mike : ¥1000 for one beer? That’s ridiculous! That’s why I prefer to stay and watch at home.

Paul : I think I’ll try that next time, but I have nobody to watch the game with...

Mike : (5)

ア Why don’t you come to my house and watch with my family? It would be fun! イ I don’t remember well, but who were playing last time? ウ There’re too many people at those events, so I prefer to watch at home. エ Was there anything else to do other than to watch the match at the public viewing place? オ What was the most interesting part to you? What can you recommend?
--

(注) atmosphere 雰囲気, celebrate 祝う, ridiculous 馬鹿げた,
 prefer to ~ ~するほうが好きだ, recommend 勧める

解答欄

(1)	(2)	(3)	(4)	(5)
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4. 次の英文を読んで各問いに答えなさい。

An awfully careless and forgetful couple visited a counselor to explain about ① the problem that they couldn't remember things well. After listening to the couple carefully, the counselor said to them, "You are mentally okay, but it may be a good idea for you to start writing things down and making notes. ② It will help you remember things." The couple thanked the counselor and left.

Later that night, the wife asked the husband, "Will you get me a bowl of ice cream?" He replied, "Sure." She then asked him, "Don't you think you should write it down?" He said, "No, I can remember that." She then said, "I also would like some strawberries on top. Please write that down, (A) you will forget that." He said, "I can remember that, you want a bowl of ice cream with strawberries." With irritation in his voice, he said, "I don't need to write that down." He then angrily went into the kitchen.

After about 20 minutes, he returned hesitantly from the kitchen and handed her a plate of bacon and eggs. She looked at the plate for a moment and said, "You didn't write that down, so you forgot my toast!" (B) of the couple could keep in mind ③ what she had originally requested.

(注) awfully ひどく, mentally 精神的に, a bowl of 一盛りの, irritation いらだち,
hesitantly ためらいながら, originally もともと

(本文出典: 「英語総合問題 raise 2 SECOND EDITION」(2019). 第一学習社. 一部改変)

(1) 下線部①の **problem** とはどんなことなのか, 日本語で具体的に記しなさい。

(2) 下線部②の **It** が指す内容を正確に日本語で記しなさい。

(3) (A) に入る最も適切な語を下の中から 1 つ選んで記号で記しなさい。

ア and イ or ウ but エ so

(4) (B) に入る最も適切な語を下の中から 1 つ選んで記号で記しなさい。

ア Both イ Either ウ Neither エ One

(5) 下線部③は具体的には何だったのかを正確に日本語で記しなさい。

解答欄

(1)	
(2)	
(3)	(4)
(5)	

5. 次の英文を読んで各問いに答えなさい。

Fifty years ago, people used to think that the next major development of transportation would be making flying cars and buses. Not many people imagined that cars, buses and trucks would become driverless, but we are now moving in that direction. At present, car manufacturers such as Toyota, and technology companies such as Google are investing billions of dollars to develop vehicles that can operate without a human driver.

Driverless trains, like those running on Tokyo's Yurikamome Line, are now becoming more and more common in cities around the world. The technology needed to control ① them is relatively simple. Because they travel along a fixed rail, their route never changes and they face few unexpected hazards. Driverless cars, on the other hand, present much greater problems. They must be able to do ② a great number of complex tasks. These include being aware of other vehicles on the road; knowing when these other vehicles are going to stop, turn or slow down; and paying attention to weaker road users such as cyclists and walkers.

Various successful trials of driverless vehicles have been carried out. At present, the most hopeful area for the introduction of driverless vehicles is on short bus routes. In fact, the French city of Lyon has set up the world's first driverless daily bus service, and it runs in a busy urban area. The buses each hold 15 passengers and have radar technology and motion sensors to (A) accidents.

At present, the buses travel at a speed of just 10 kilometers per hour on a four-kilometer route with five stops and a journey time of 10 minutes. The vehicles do not have to run together with other traffic because they travel along an old streetcar line that other vehicles cannot enter.

(注) development 開発, transportation 交通機関, direction 方向, manufacturers 製造メーカー, invest 投資する, vehicle 車両, billions of 何十億もの, relatively 比較的, unexpected hazards 予期せぬ危険, successful 成功した, urban 都会の, motion sensor 動作センサー, streetcar 路面電車

(本文出典：小林敏彦, Bill Benfield. (2018). *Science is Our Daily Life*. 成美堂. 語彙及び表現を一部改変)

- (1) 下線部①の them は具体的に何を指すのか、英語で正確に記しなさい。
- (2) 下線部②の具体例として、本文中に記されている代表的な事柄を3つ日本語で記しなさい。
- (3) 自動運転車の成功例としてフランス Lyon 市のバスの運行例が紹介されているが、本文の紹介例と合うように次の () 内に適切な数字を記しなさい。
 - ア. 乗車可能乗客数：() 人
 - イ. 速度：時速 () km
 - ウ. 路線距離：() km
 - エ. 停留所の数：() 箇所
 - オ. 所要時間：() 分

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(4) (A) に入る語として最も適切な語を次の中から1つ選び、その記号を記しなさい。

ア cause イ protect ウ avoid エ help

解答欄

(1)	
(2) 1つめ:	
2つめ:	
3つめ:	
(3) ア イ ウ エ オ	(4)