

令和2年度 入学試験 第1回 英語

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- 注意 1. 声を出さずに読むこと。
2. 解答はすべて指示に従って解答用紙に記入すること。

1 次の英文を読んで、後に続く問いに答えなさい。

Will Robots Brighten Our Future?

For many years, there have been popular anime about robots in Japan. (A), *Astro Boy*, *Gundam*, and *Evangelion*. Many children become big fans of such robots and so now want to make real robots.

① (ア that Japan's robot technology イ advanced ウ it is エ the most オ said カ is) in the world. In 2000, Honda developed ASIMO, the world's first robot that walks on two legs. ② It surprised the world by moving freely, going up and down steps, and dancing. In 2014, Softbank created Pepper, the world's first robot that can read humans' feelings. ③ Pepper () () () read feelings because it is designed to study expressions and voice tones. Pepper is a robot that has to be (注1)controlled by humans. It can be a member of the family or a member at work. Pepper's creators wanted Pepper "to help people enjoy life" — to improve people's lives and their connection with the outside world.

These days, there are many useful robots around us. [④] They can help people to walk and carry things.

(B), flying robots ア (call) drones can take pictures, collect information, and help to keep people safe. Some companies are thinking about イ (use) drones to send things. It has become very popular to use drones to take videos. Many people use them to record their travels and views along the way. *Business Insider*, a famous website, believes that the number of these types of private drones will be 29 million in 2021. With such drones, people can see the world in a new and ウ (excite) way.

(C), drones can be dangerous. Some people do not know how to control them, so ⑤ there may be some accidents. Drones can cause air traffic problems. Drones can also carry (注2)weapons and (注3)harm people. Many countries worry about technology and (注4)terrorism. When they are used in a good way, drones can watch people ⑥ to keep them safe. Or, they can steal people's information when they are used in a bad way.

(D) robots are useful to humans today, one day they may create ⑦ serious problems. In the next 10 to 20 years, robots may (注5)replace half of Japanese workers and people will lose their jobs. In addition, because of the development of robot technology, they may one day control us, like in the movie *I, Robot*. The movie shows the future when robots have become a part of humans' lives. Things start to go wrong when the robots develop their own minds, and go against their human creators.

How far should we keep エ (develop) robot technology? Robots can solve many of Japan's problems if we develop and use them in a good way. It is time to start thinking about how humans and robots can (注6)exist together.

- (注1) control ~を制御する (注2) weapon 武器 (注3) harm ~に危害を加える
(注4) terrorism テロ行為、テロリズム (注5) replace ~に取って代わる (注6) exist 存在する

問1 下線部①が「日本のロボット技術は世界で最も進んでいると言われている。」という意味になるように () 内の語句を並べかえ、記号で答えなさい。(語句は全て小文字になっています)

問2 下線部②が指す内容を25字程度の日本語で説明しなさい。

問3 下線部③が「ペッパーは気持ちを読み取ることができる」という意味になるように()に適語を入れなさい。

問4 [④]には次のア～ウの3つの文が入ります。本文の内容に合うように並べかえ、記号で答えなさい。

ア They help in work such as taking out landmines.

イ Robots which are used in medical and nursing care are expected to play an important role in the future.

ウ Some robots can enter places that are too dangerous for humans.

問5 下線部⑤の理由を25字以内の日本語で説明しなさい。

問6 下線部⑥の不定詞と同じ用法を含む文を次のア～ウから1つ選び、記号で答えなさい。

ア I want to play tennis after school.

イ He went to the park to play soccer.

ウ She had a lot of things to do yesterday.

問7 下線部⑦の内容として本文に書かれていないものを次のア～エから1つ選び、記号で答えなさい。

ア 日本人労働者の半分以上がロボットに仕事を奪われる可能性があること。

イ 映画「I, Robot」のようにロボットが我々人間を支配するかもしれないこと。

ウ 日本のロボット技術が他の国に盗まれてしまうこと。

エ ロボットが自分の意思を持ち、人間に反抗するかもしれないこと。

問8 (A) ~ (D) に入る適当な語を次のア～エからそれぞれ1つずつ選び、記号で答えなさい。

ア Also

イ Although

ウ For example

エ However

問9 ア～エの語を適当な形にしなさい。

2 次の会話文の(1) ~ (5) に入れるのに最も適当な文を下のア～オから選び、記号で答えなさい。

Jun: Isn't the first day of school just great!

Kou: I think so. But to tell you the truth, (1)

Jun: Really? Why?

Kou: Because I don't know how to get here yet. This place is so big!

Jun: Well, where do you want to go first? I'll be your guide.

Kou: This morning I didn't have breakfast, so I'm hungry. (2) Maybe we can get something to eat.

Jun: Sure. It's in the Student Center over there. Why don't I show you the bookstore first? It's right before the Student Center building.

Kou: That's a good idea. By the way, what are these?

Jun: These are the (注1)bulletin boards for announcements.

Kou: (3)

Jun: Oh, you know. Things like classroom changes or class (注2)cancellations.

Kou: O.K. (4) Say, is there any good advice that you can give me as a new student?

Jun: (5)

(注1) bulletin boards for announcements 連絡用掲示板 (注2) cancellation 休講

- ア I got it.
 イ I'm a little bit nervous.
 ウ What kind of announcements?
 エ How about showing me the cafeteria?
 オ Well, just make sure you're not late or absent from class.

③ 次のそれぞれの 2 文がほぼ同じ意味になるように、() 内に適当な語を 1 語ずつ入れなさい。

- 1 It's not necessary for you to take your umbrella today.
You don't () () take your umbrella today.
- 2 The curry was too spicy for me to eat.
The curry was () spicy that I () eat it.
- 3 This is the first time for me to go to Africa.
I () () been to Africa before.
- 4 Yuriko goes to school on foot every day.
Yuriko () () school every day.

④ 次の日本語に合うように () 内の語句を並べかえ、() の中で 2 番目と 4 番目にくる語を記号で答えなさい。(語句は全て小文字になっています)

- 1 これらは華子が京都で撮った写真です。
(ア are イ Hanako ウ took エ these オ the pictures) in Kyoto.
- 2 彼女は知らない人に話しかけられた。
She (ア a stranger イ by ウ to エ talked オ was).
- 3 あなたはそのバスがどこへ行くか知っていますか。
(ア do イ know ウ the bus エ you オ where) goes?
- 4 母はおいしいケーキを私に作ってくれました。
(ア a delicious イ cake ウ made エ me オ my mother).

⑤ 次の各文が意味の通る英文になるように、() 内に与えられた文字で始まる英単語を書きなさい。

- 1 My (f _____) animal is rabbits. I don't like dogs much.
- 2 On (C _____) day, good children will get a present from Santa.
- 3 Hina-matsuri is the girls' (f _____) in Japan. We celebrate females of all ages.
- 4 (S _____) is the ninth month of the year.
- 5 The woman cooking in the (k _____) is my mother.

⑥ 次の日本語を英語にしなさい。

- 1 寝る前に窓を閉めなさい。
- 2 英語でこの動物を何と言いますか。