

2019 年度 推薦入試前期 B 日程

2019 年度 外国人留学生入試前期 B 日程

全学部共通 基礎科目【学科：英語】試験問題

**時間** 120 分（英語・国語・数学から 2 科目を選択して 120 分で解答）

**学習のポイント**

センター試験の出題形式を踏まえています。読解問題をはじめとして、語彙・文法・語法問題に至るまで、英語の総合力を測ります。読解問題の対策として、500～700 字程度の英文をたくさん読んでください。教科書レベルの文章を読み、辞書に頼らず大意をとる練習をすると良いでしょう。学校で使用する文法の副読本や問題集を確実に仕上げ、3000 語レベルの語彙力を身につけましょう。また、日常生活における会話的表現を身につけるよう努力してください。

【 1 】 以下の英文を読み、各設問に答えなさい。

Someone types a ( 1 ) into a laptop, and Actroid-DER jerks\* upright. She raises her arms and the corners of her mouth lift to form a smile. She blinks, then turns her face toward me. “Are you surprised that I’m a robot?” she asks. “I look just like a human, don’t I?”

Her comment has the effect of drawing my attention to the many ways that she does not. Developed in Japan by the Kokoro Company, the Actroid-DER android\* can be rented to serve as a kind of receptionist at corporate events, a role that admittedly\* is not the most demanding. But ( 2 ) the \$250,000 spent on the development, Yume, as she is known, moves jerkily\*, and her inelastic\* features give her lovely face a crazed\* look. She also appears to nod off between remarks, like a person who has lost interest in a conversation.

Actroid androids are part of a new generation of robots, designed to function not as industrial machines but as agents capable of taking on roles in our homes, schools, and offices: cooking, folding the laundry, even babysitting our children. “In five or ten years, robots will routinely be functioning in human environments,” says Reid Simmons, a professor at Carnegie Mellon University.

(A) Such a prospect leads to a cascade of questions. How much everyday human function do we want in our machines? What should they look like? Do we want androids like Yume in our kitchens, or are they just creepy\*? Will these robots change the way we relate to one another?

In another building not far away, HERB sits motionless, lost in thought. ( 3 ) *Home Exploring Robotic Butler*, HERB is being developed by Carnegie Mellon as a prototype service bot to care for the elderly and disabled. With Segway wheels for legs and computers for a body, HERB isn’t going to win any prizes for beauty. But unlike Yume, HERB does have something like a mental life.

Traditional robots can be programmed to ( 4 ) very precise actions, but only within a very structured environment, like a factory production line. HERB is being programmed to “think” for himself : to negotiate human spaces and move around without bumping into people who are themselves in motion. HERB’s perception system consists of a video camera and a laser navigation device which control his mechanical arm. The arm is pressure-sensitive: a necessity if he is to help an elderly widow to the bathroom without catapulting\* her through the door.

HERB can pick up a juice box, hold it upright, and place it down again gently. He can tell its shape and how easily it can break. To (B) the uninitiated, these accomplishments might seem unimpressive. Picking up a drink is not a very difficult task for most of us. It’s also a simple act for an industrial robot programmed for that specific action. ( 5 ) the difference between a social robot like HERB and a conventional factory bot is that HERB knows the object is a juice box, and not a teacup or a glass of milk. This understanding involves a great deal of mathematics and

computer science, but it boils down to\* taking in information and processing it intelligently in the context of what he already knows about his world.

【出典】 From Dummett. Life 6: Student Book, 1E.(C) 2015 Heinle/ELT, a part of Cengage, Inc.

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(注) jerks\* 急に動く android\* 人間の形をしたロボット admittedly\* 明らかに  
jerkily\* がくがくと, ぎくしゃくと inelastic\* 弾性がない crazed\* 気が狂ったような  
creepy\* ぞっとする catapult(ing)\* ~を勢いよくほうりだす boil(s) down to\* 結局~ということになる

問1 空所(1)~(5)に入れるのに最も適切なものを, それぞれ下の①~④から一つずつ選び, 番号で答えなさい。

(1)

- ① command      ② length      ③ width      ④ guide

(2)

- ① in addition to      ② on account of      ③ on the basis of      ④ in spite of

(3)

- ① In favor of      ② Short for      ③ Admitting      ④ Given

(4)

- ① carry out      ② make for      ③ take over      ④ turn out

(5)

- ① Besides      ② Otherwise      ③ But      ④ Therefore

問2 次の(1)~(8)について、本文の内容と一致するものを、それぞれ下の①~④から一つずつ選び、番号で答えなさい。

(1) Some people may think Yume has no interest in a conversation because she seems to \_\_\_\_\_ for a short time.

- ① smile broadly    ② breathe deeply    ③ fall asleep    ④ take action

(2) In the near future, a new generation of robots will be functioning in human society on a \_\_\_\_\_ basis, according to a professor.

- ① routine    ② particular    ③ peculiar    ④ crazy

(3) One of the questions about robots is whether they will change our way of \_\_\_\_\_ to one another.

- ① looking    ② relating    ③ studying    ④ living

(4) HERB is being developed as a prototype service robot to \_\_\_\_\_ the elderly and disabled.

- ① pay off    ② get rid of    ③ look into    ④ take care of

(5) Having Segway wheels and computers, HERB is \_\_\_\_\_ a beautiful thing.

- ① regarded as    ② far from    ③ nothing but    ④ above all

(6) HERB is being programmed to “think” for himself, \_\_\_\_\_ traditional robots.

- ① in proportion to    ② as well as    ③ in contrast with    ④ in connection with

(7) HERB is \_\_\_\_\_ to pressure, so he can pick up a juice box without breaking it, hold it upright, and put it down softly.

- ① sensitive    ② inferior    ③ available    ④ subject

(8) HERB's action of picking up a drink may seem to be \_\_\_\_\_ to many people. 13

- ① precious      ② complicated      ③ strange      ④ simple

問3 下線部(A) Such a prospect が受けるものとして最も適切なものを、次の①～④から一つ選び、番号で答えなさい。 14

- ① A new generation of robots will be entering our daily life in the near future.  
② A new generation of robots will be designed to function as industrial machines.  
③ People will make a lot of robots which ask us a number of useful questions.  
④ People will make a lot of robots which show much interest in conversations.

問4 下線部(B) the uninitiated の意味を説明しているものを、次の①～④から一つ選び、番号で答えなさい。 15

- ① people who are interested in computers and know about them  
② people who are boring, stupid and not fashionable  
③ people who have a high level of knowledge or skill in something  
④ people who have no special knowledge and experience of something

問5 次の英文の空所に入る表現として最も適切なものを、下の①～④から一つ選び、番号で答えなさい。 16

HERB is excellent in that he gathers information and ( ) situations intelligently on the basis of the knowledge and experience he has acquired.

- ① gets away with    ② deals with      ③ negotiates with    ④ gets along with

問6 次の英語の質問に対する答えとして最も適切なものを、下の①～④から一つ選び、番号で答えなさい。 17

Question: What makes Actroid-DER look crazed?

- ① Raising her arms and lifting the corners of her mouth.  
② Her mechanical comments which draw the writer's attention.  
③ Corporate events at which she serves as a receptionist.  
④ Her jerky movements and the inelastic features on her face.

【2】 次の(1)~(5)の会話文の空所に入れるのに最も適切なものを、それぞれ下の①~④から一つずつ選び、番号で答えなさい。

(1) 18

A : Hi, Tom. Are you coming to the party this Saturday?

B : Sorry, but I can't. I have to help my grandfather weed the garden.

A : (                    ) You will have a chance to talk with Mr. Baker.

B : Oh, really? He's famous as a jazz pianist. Then I will weed the garden some other time.

- ① Can't you change the schedule?
- ② Are you busy organizing the party?
- ③ You should help your grandfather.
- ④ You should weed the garden.

(2) 19

A : Can I borrow books from this library?

B : You can, if you work or live in this town.

A : (                    )

B : Then, would you please fill in this form?

- ① I prefer this town.
- ② In fact, I do.
- ③ I wish I could.
- ④ I can't do that.

(3) 20

A : Hi, Mike. (                    )

B : Hi, Ken. I'm going to the gym. Why don't you go with me?

A : I have to work part-time now.

B : Oh, I see. See you later.

- ① How often do you go to the sports gym?
- ② What are you going to major in?
- ③ When are you going on a trip?
- ④ Where are you heading?

(4) 21

A : Let's leave now. I want to have lunch before we see the movie.

B : (                    )

A : In that case, the restaurant will be crowded.

B : I see. OK. Let's have lunch first.

- ① Well, we can eat lunch at home.                    ② Well, we should have lunch.  
③ Well, we can eat after the movie.                    ④ Well, we can take a box lunch.

(5) 22

A : What is your new place like?

B : It's spacious and gets plenty of sunlight, but ...

A : Any problems?

B : (                    )

- ① My place is conveniently located.                    ② The rent is reasonable.  
③ My apartment faces a busy street.                    ④ It commands a fine view.

【3】 次の(1)~(5)について、与えられた日本文の意味になるように（ ）の語を並べかえるとき、2番目と4番目にくるものを、それぞれ下の①~⑤から一つずつ選び、番号で答えなさい。文頭にくる語も小文字で示してあります。

(1) 出席者たちはトムが会議に現れることを期待していた。

2番目：  4番目：

Those present ( ① up ② to ③ expected ④ Tom ⑤ turn ) at the meeting.

(2) 万一、もっと情報が必要であるならば、遠慮なく電話をしてください。

2番目：  4番目：

( ① information ② need ③ should ④ more ⑤ you ), please feel free to call us.

(3) 私の子どもたちはいつもチャンネル争いをしている。

2番目：  4番目：

My children are always ( ① program ② over ③ which ④ quarreling ⑤ they ) should watch.

(4) 私はメガがジェフを必要としていると思っていたが、逆であった。

2番目：  4番目：

I thought Meg needed Jeff, but it ( ① around ② other ③ the ④ was ⑤ way ).

(5) 船には少なからぬ人たちが乗っていた。

2番目：  4番目：

There were not ( ① people ② a ③ board ④ few ⑤ on ) the ship.



【4】 次の(1)~(10)の英文中の空所に入れるのに最も適切なものを、それぞれ下の①~④から一つずつ選び、番号で答えなさい。

(1) Tom and his family moved to the town, ( ) he grew up. 33

- ① which                      ② that                      ③ what                      ④ where

(2) Why Nancy gave up her studies is ( ) my comprehension. 34

- ① beyond                      ② by                      ③ on                      ④ out

(3) I will always ( ) by you when you are in trouble in this country. 35

- ① support                      ② help                      ③ stand                      ④ assist

(4) I'd like to get my digital camera ( ) at that shop. 36

- ① repair                      ② repaired                      ③ to repair                      ④ be repaired

(5) Tom tries to do exercises every morning to ( ) fit. 37

- ① make                      ② turn                      ③ put                      ④ keep

(6) I never see those photos ( ) remembering my happy days in Germany. 38

- ① with                      ② up to                      ③ without                      ④ out of

(7) Nancy can ride a motorbike, to say ( ) of a bicycle. 39

- ① something                      ② nothing                      ③ anything                      ④ much

(8) George suffered a serious injury while ( ) American football two days ago. 40

- ① playing                      ② played                      ③ had played                      ④ to play

(9) What do you ( ) to talking about it over coffee? 41

- ① mention      ② tell      ③ say      ④ stand

(10) ( ) you have to do is push this button. 42

- ① When      ② How      ③ Which      ④ All

# 解答一覽

大問	解答 番号	正解	
1	1	①	
	2	④	
	3	②	
	4	①	
	5	③	
	6	③	
	7	①	
	8	②	
	9	④	
	10	②	
	11	③	
	12	①	
	13	④	
	14	①	
	15	④	
	16	②	
	17	④	
2	18	①	
	19	②	
	20	④	
	21	③	
	22	③	
3	23	④	完 解
	24	⑤	
	25	⑤	完 解
	26	④	
	27	②	完 解
	28	①	
	29	③	完 解
	30	⑤	
	31	④	完 解
	32	⑤	
4	33	④	
	34	①	
	35	③	
	36	②	
	37	④	
	38	③	
	39	②	
	40	①	
	41	③	
	42	④	