

ハ代(建)

|      |      |
|------|------|
| 志望学科 | 受験番号 |
| 工学科  |      |

## 平成28年度編入学試験問題

### 英 語

(コミュニケーション英語Ⅰ及びコミュニケーション英語Ⅱ)

13:30 ~ 14:30 (60分)

#### 各学科共通

1. 問題用紙は指示があるまで開かないこと。
  2. 問題用紙が1ページから5ページまでであるかどうか  
検査開始の合図のあとで確かめること。
- ※ 終了後、試験問題は持ち帰らないこと。

※ 以下は記入しないこと。

|       |
|-------|
| 採点者   |
|       |
| チェック者 |
|       |

|     |
|-----|
| 得点  |
| 100 |

1. 次の各語の下に記されている丸数字のなかから、最も強いアクセントが置かれるものを1つ選び、記号で答えよ。(9点)

(1) en·er·gy

① ② ③

(2) de·ci·sion

① ② ③

(3) cal·en·dar

① ② ③

(4) pro·duc·tion

① ② ③

(5) math·e·mat·ics

① ② ③ ④

(6) vi·ta·min

① ② ③

(7) a·gree

① ②

(8) con·trol

① ②

(9) tech·no·lo·gy

① ② ③ ④

2. 次の会話中の(1)～(6)に最もふさわしいものを(ア)～(キ)の中よりそれぞれ1つずつ選び、記号で答えよ。ただし、同じ記号は一度しか使えない。(12点)

(F: Father D: Daughter)

F: Good Morning. Meg. ( 1 )?

D: I'm a little tired, Dad. ( 2 ).

F: It's good to study hard. ( 3 ).

D: Yeah. ( 4 ) and come home early.

F: Well, I think you should go to basketball practice, because if you exercise, you can not only get stronger but also sleep better. Did you know that?

D: No, I didn't. ( 5 ). Goodbye!

F: ( 6 )!

(ア) But it is important to get enough sleep, too

(イ) I often run in the park after breakfast

(ウ) Are you feeling OK

(エ) OK, I'll go to practice and I'll try to go to bed early tonight

(オ) Good luck with your test today

(カ) I stayed up late to study for my math test

(キ) I'll skip basketball practice today

3. 意味の通る英文になるよう ( ) に入る最も適切なものを (A) ~ (D) の中よりそれぞれ1つずつ選び、記号で答えよ。(20点)

- (1) I ran to the station; ( ) I would have missed the train.  
(A) and (B) suppose (C) otherwise (D) since
- (2) She made her son ( ) the room because he behaved bad.  
(A) leave (B) leaving (C) left (D) be left
- (3) He insisted that she ( ) home by nine after the concert.  
(A) come (B) comes (C) came (D) had come
- (4) We managed ( ) to the airport in time with heavy luggage.  
(A) get (B) to get (C) getting (D) got
- (5) Before I ( ) to the restaurant, I will pick you up.  
(A) go (B) have gone (C) will go (D) will have gone
- (6) I clearly remember the day ( ) I first met him.  
(A) which (B) when (C) whose (D) where
- (7) A trip to the moon isn't a dream for mankind any ( ) .  
(A) ever (B) never (C) longer (D) before
- (8) The air on the mountain top was so clear ( ) the Milky Way looked beautiful.  
(A) by (B) that (C) of (D) with
- (9) I have an aunt who is younger than me ( ) it may sound strange.  
(A) because (B) although (C) but (D) unless
- (10) ( ) we entered the room, the bell rang very loudly.  
(A) According to (B) By means of (C) On account of (D) As soon as

4. 次の日本語に合うように、{ }内の語(句)あるいは句読点( , )を並べ替えて英文を完成させよ。ただし、文頭に来るべき語が小文字になっている場合もあるので注意すること。

(20点)

- (1) 彼は電車の定期をどこかに忘れてきてしまったことに気づいた。  
{ train pass / had / left / realized / that / somewhere / he / he / his }.
- (2) 君は2度とここに来ない方がいいね。  
{ not / you / again / come / better / had / here }.
- (3) その女の子はリーダーとしてクラスみんなに尊敬されている。  
{ is / in the class / the girl / as a leader / up / by everyone / to / looked }.
- (4) 寝ている赤ちゃんを起こさないよう気をつけてね。  
{ up / be / to / wake / baby / not / the / careful / sleeping }.
- (5) 私は彼が必ずこの仕事に成功すると確信している。  
{ am / in / his / sure / I / of / this task / succeeding }.
- (6) 母は見知らぬ人にこの写真をとってもらいました。  
{ this / taken / my mother / a stranger / had / by / picture }.
- (7) 僕は君の3倍の本を読んできたよ。  
{ read / I / many / three / as / as / you / have / have / books / times }.
- (8) 昨日一緒に遊んだ男の子は私のいとこです。  
{ whom / played / the boy / is / my cousin / I / with / yesterday }.
- (9) あなたの電話番号を知っていたら、電話することができたのに。  
{ have / had / you / if / I / known / called / your number / , / I / could }.
- (10) その事故が起こったのは真夜中でした。  
{ midnight / happened / in / it / the / the / accident / was / that }.

5. 次の英文を読み、あとの問いに答えよ。(39点)

### Robots Ready to Work in Restaurants

For many years, machines have been doing work that people once did, including (1)some difficult jobs. Search and rescue operations in dangerous environments are often seen as the first areas that will employ high technology robots. But there is (2)another area that may soon take jobs traditionally held by human beings: the restaurant industry.

Teams from around the world competed in early June at (3)the DARPA Robotic Challenge Finals in California. A team from South Korea and its robot, called DRC-Hubo, won the first place in the competition. The second and third place finishers were from the United States.

The robots were required to drive a vehicle, climb up steps and do mechanical work. Such activities are easy for humans to perform, but more difficult for machines. Not all of the competitors were successful. The failures showed how difficult (4)it is to design effective walking machines.

Recently, crowds gathered for the food machinery and technology show in Tokyo, Japan. They witnessed a robotic chef preparing food. Other machines cooked, baked tasty pastries and even made sushi.

An engineer working at Yaskawa Electric, a company that develops robots, says robots cannot do everything a human can, but they are able to work  becoming tired. He says robots cannot taste food, change heating levels or seasonings to get the best flavor. But he says if a food can be easily prepared, a robot can repeat the same movement to reproduce the same meal.

One Japanese woman who saw the robots working wanted to bring them home. She says she would like to have a husband who could work like a robot. Suzumo Machinery demonstrated its sushi maker robot. It often performs the difficult work of wrapping the popular Japanese food. An official with the company says people all over the world now eat sushi, but there are not enough skilled workers to prepare (5)it. He says his machine can help anyone make sushi. Other robots have been created to help decorate cakes and cut and peel apples.

(出典 : <http://learningenglish.voanews.com> 一部改変)

- (1) 下線部(1)の具体例を本文中から7語の英語で抜き出せ。
- (2) 下線部(2)について、それは具体的にどんな分野であるか日本語で答えよ。
- (3) 下線部(3)について説明した以下の文の空欄に入る最も適切な日本語をそれぞれ書き入れよ。  
世界中のチームが出場したその大会は ( ① ) 初旬に開催され、( ② ) のチームが優勝し、( ③ ) のチームが2位と3位であった。
- (4) 下線部(4)が指す内容を日本語で説明せよ。
- (5) 本文中の  に入れるのに最も適切なものを (ア) から (エ) の中から1つ選び、記号で答えよ。  
(ア) through      (イ) by      (ウ) without      (エ) because of
- (6) 下線部(5)が指すものを日本語で答えよ。
- (7) 次の問いにできる限り完全な (主語と動詞を含む) 英文で答えよ。  
① What were the robots required to do at the Robotic Challenge Finals in California?  
② Did the show held in Tokyo attract a lot of people?  
③ Which company has created the machine to help anyone make sushi?
- (8) 次の英文が本文の内容と一致していれば T, 一致していなければ F と答えよ。  
① A Japanese company invented robots which can taste food.  
② One Japanese woman wants to have a husband who likes robots.  
③ There are not enough workers who are skillful at making sushi.  
④ Robots that help cut and peel apples have not been developed yet.