

平成 30 年度

後 期 日 程

英 語 (80 分)

注 意 事 項

1. 試験開始の合図があるまで、この問題冊子を開いてはいけません。
2. 問題冊子は、1 ページから 14 ページまであります。解答用紙は、2 枚からなっており、「1」はマーク式、「2」は記述式です。ページの脱落等に気付いたときは、手をあげて監督者に知らせなさい。
3. 監督者の指示に従って、すべての解答用紙の受験番号欄に受験番号を記入し、マーク欄にマークしなさい。
4. 解答はすべて、解答用紙の指定された欄にマーク又は記入しなさい。
5. 受験番号のマーク時及び解答用紙「1」の解答には、必ず黒鉛筆(H, F, HBに限る)及びプラスチック製の消しゴムを使用し、「マーク例」に従って、正しくマークしなさい。黒鉛筆以外のもの(シャープペンシル等)を使用してマークした場合、マークが薄い場合、一部分しかマークしていない場合、訂正箇所を消しゴムできれいに消していない(消し跡が残っている)場合は、マークが正しく読み取れず、採点できないことがあります。
6. 解答用紙の網掛け部分及び※を付した欄には、何も記入してはいけません。
7. 問題冊子の白紙と余白は下書きに適宜利用してもよいが、どのページも切り離してはいけません。
8. 試験終了後、この問題冊子は持ち帰りなさい。

I

- 1 Read the following text and answer the question below.

この部分に記載されている文章については、
著作権上の問題から公開することができません。

【出典(一部改変) : <http://www.science20.com/>】

Which of the following is the best title for the text?

- A. Glassfrogs Are Better Parents than Human Parents
- B. When Fathers Are Involved, Parental Care Gets a Lot More Elaborate
- C. Ancestors of Glassfrogs Entirely Lack Parental Care
- D. Dads Do Less Work Raising the Kids than Moms

2 Read the following text and answer the question below.

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著作権上の問題から公開することができません。

【出典(一部改変) : <https://www.wsj.com/>】

Which of the following statements is true?

- A. It can take a long time for a businessperson to move around in the city by taxi because streets in Dubai are very busy.
- B. Passengers can use a new app to reserve a vehicle through the Internet, but they have to drive it by themselves.
- C. The range of the new battery-powered vehicle is basically sixty miles on a one-hour charge.
- D. If there is an earthquake or a strong wind blows, the control center will order the driver to go to the nearest safe zone immediately.

3 Read the following text and answer the question below.

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【出典(一部改変) : <http://nytimes.com/>】

Which of the following best fills [X]?

- A. taking a long bath
- B. cleaning a hairbrush with a comb
- C. the smooth surface of a kitchen table
- D. a human being washing a car

4 Choose the best answer from A—F to rearrange the following

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【出典(一部改変) : <http://www.chicagotribune.com/>】

- A. ① — ④ — ③ — ⑤ — ② — ⑥
- B. ① — ⑤ — ② — ③ — ⑥ — ④
- C. ③ — ① — ⑥ — ② — ⑤ — ④
- D. ③ — ⑥ — ⑤ — ④ — ① — ②
- E. ⑥ — ③ — ① — ② — ⑤ — ④
- F. ⑥ — ⑤ — ② — ④ — ③ — ①

II

Read the following text and choose the most appropriate word or phrase from A—D to fill in (1)—(10).

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【出典(一部改変) : <https://edgylabs.com/>】

- (1) A. attended to B. cared C. discovered D. neglected
(2) A. because B. because of C. besides D. since
(3) A. has been remained B. has remained
 C. is remaining D. remaining
(4) A. comprehensible beyond B. comprehensible to
 C. incomprehensible except D. incomprehensible to
(5) A. being B. has C. is D. is being
(6) A. towards B. for C. of D. into
(7) A. and B. in addition to C. moreover D. so
(8) A. be exposed B. be exposed to
 C. to be exposed D. to expose
(9) A. also B. however C. since D. while
(10) A. demonstrated B. concealed C. appeared D. hidden

Ⅲ

Read the following text and answer the questions below.

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【出典(一部改変) : <http://www.nytimes.com/>】

1 Choose the word or phrase from A—D which is closest in meaning to ①—⑤.

- ① A. hang around B. wander C. go straight to D. flee
② A. unfamiliar B. confused C. in agreement D. in dispute
③ A. lessen B. arose
C. fell in popularity D. reduced
④ A. there is a mutually satisfying outcome
B. everyone is defeated
C. people can secure a victory over others
D. losers collect the lottery
⑤ A. surrender B. upward mobility
C. complete D. rank higher than

2 Choose the best answer for each question.

- (1) What is the main benefit of passengers standing side by side on an escalator?
- A. decreased possibility of damage to equipment
B. increased efficiency of movement
C. increased escalator speed
D. increased social connection

- (2) Which method results in the most efficient travel time on average for escalator passengers?
- A. Passengers should not walk but stand only on the left.
 - B. Passengers on the left should walk rapidly and passengers on the right should stand on every step.
 - C. Passengers should stand abreast without gaps or walking.
 - D. Passengers should occupy every other step without walking.
- (3) What is the largest factor in reducing inefficiency?
- A. walking rapidly
 - B. increasing freedom
 - C. reducing unutilized space
 - D. increasing space between passengers
- (4) According to Sam Schwartz, what is the greatest problem in increasing escalator efficiency?
- A. people put others' needs over their own
 - B. people's concern for their own personal advantage
 - C. the busy lives of urban commuters
 - D. a need for physical closeness
- (5) Who added to their statement after receiving a correction?
- A. Skorinko
 - B. Capgemini Consulting
 - C. Wiedefeld
 - D. Schwartz

IV

Answer the questions below.

1 Kentaro's family were given several boxes of cans of cola for a winter gift. He does not like cola, so he decided to give them to the members of his club. At the beginning of January, when he went to the clubhouse on the first Sunday of the month, he brought half of the cans. In the morning, he gave every member one can of cola. Then again in the afternoon, he gave a can to each member. After doing this, he counted the number of cans left at the clubhouse and found that there were nine. The following Sunday, he brought the remaining cans from his house and added them to those in the clubhouse. He was planning to give three cans to each member. However, four people said that they wanted only two cans. This worked out perfectly and all the cans were gone.

How many members received cola from Kentaro?

2 After his business in another city finished, John began figuring out the best way to get back home. Taking a taxi would be the quickest, but it would also be quite expensive. A taxi has a basic charge of 500 yen plus 400 yen per kilometer. At an average speed of 40 kilometers per hour, it would take him 30 minutes to get home. Taking the train would be less expensive. He would need to take an express train back to the center of his hometown and then get a local train to the station near his apartment. The express train costs three times the basic charge of the taxi. The express train ticket is twice the cost of the local train ticket. There is also a bus available that takes about 90 minutes.

How much money would he save if he took a train rather than a taxi?

3 Paula buys a newspaper at a local shop each day. She has never really thought much about the cost because she thinks that keeping up with the news is important, but recently she realized that she is getting most of her news from online sources, so she decides to calculate the cost of the newspaper to consider whether she will keep buying it every day. The cost of the daily paper from Monday to Saturday is 200 yen per day. The Sunday paper costs twice that. June has four Sundays.

How much did Paula pay for her newspaper in June?

4 For art class the teacher asked all the children to make sculptures. Frank made an ashtray for his father. Mary made a sculpture of a crane. Andy made a plate. Jane made an apple. Kate made a gorilla. It took Kate more than 5 hours to make the gorilla. Making the apple took Jane longer than either Kate or Andy spent on their sculptures. Mary spent two hours less than Andy. Making the ashtray took half the time it took to make the crane.

Use the table below to calculate the number of hours required for each person.

Write the number of hours for Andy, Jane, and Mary on the answer sheet.

	1 hour	2 hours	4 hours	6 hours	8 hours
Apple					
Ashtray					
Crane					
Gorilla					
Plate					

V

あなたは科学や技術の知識を活かして、将来どのような仕事をしたいと思いますか。理由をあげて 60～80 語の英語で記しなさい。