

問題・解答
用紙番号

47

の解答用紙に解答しなさい。

英 語

〈受験学部・学科〉

理工学部(住環境デザイン学科・建築学科・都市環境工学科・機械工学科・電気電子工学科)

問題は100点満点で作成しています。

I 次の文章を読み、設問に答えなさい。なお、文章の左にある数字は段落の番号を表しています。
(32点)

- 1 Because of their military applications, unmanned aerial vehicles, better known as drones, have ⁽¹⁾acquired a negative image with much of the general public. This image is unfortunate because drones have ⁽²⁾numerous other uses that might prove beneficial to society.
- 2 First, drones can be very helpful in cases of natural disasters. High-flying drones can track and ⁽³⁾monitor approaching storms much better and far more safely than any manned aircraft. Once a storm strikes, drones can then tirelessly search the disaster area to seek those in need of emergency care. With earthquake, flood and tsunami relief, drones can quickly ⁽⁴⁾detect survivors and help rush rescue workers to the most desperate areas of need. Drones also provide valuable help in looking for individuals lost at sea or deep in mountainous regions. Human eyes tire and blink, but drone eyes are always open.
- 3 Drones are also useful in various work-related fields. The most obvious of these might be in the area of security. Drones can patrol from above and can spot intruders* far more efficiently than fixed cameras or watchdogs. Drones can also be used in agriculture, where they can treat fields and orchards with pesticides* and nutrients* in a manner far more ⁽⁵⁾accurate than simply spraying by hand or even by airplane. In the future, drones might even be used in construction, where

they will be able to fly building materials to places that are difficult to ⁽⁶⁾ access otherwise.

4 However, the best applications for drones might be in photography. Photojournalists can use drones to take pictures of large outdoor ⁽⁷⁾ gatherings, such as political rallies or sporting events. Shooting pictures from above might have appeal for everyday people as well. A couple, for example, might enjoy having their outdoor wedding ceremony filmed from the air, or universities might one day ⁽⁸⁾ employ drones to take shots of entrance or graduation ceremonies held outside. Photos from above might offer unique and amazing views of important milestones in life.

5 Thus, drones are not only for the military. They can play a helpful and creative part in many areas of modern-day society.

(出典 : *Active Training for Reading and Writing through 15 Topics*,
Michael Schauerte・Tom Dillon・西谷恒志編著, 音羽書房鶴見書店)

(注) intruder* 侵入者
pesticide* 殺虫剤
nutrient* 栄養剤

問1 下線部(1)~(8)の文章中での意味として最も適切なものを、それぞれの番号の(A)~(D)の中から一つずつ選びなさい。

- | | | | |
|------------------|---------------|-----------------|---------------|
| (1) (A) obtained | (B) changed | (C) improved | (D) disturbed |
| (2) (A) frequent | (B) similar | (C) various | (D) proper |
| (3) (A) remind | (B) avoid | (C) adopt | (D) observe |
| (4) (A) separate | (B) assist | (C) find | (D) respond |
| (5) (A) careless | (B) exact | (C) flexible | (D) relative |
| (6) (A) build up | (B) get to | (C) take out | (D) work with |
| (7) (A) meetings | (B) accidents | (C) decorations | (D) services |
| (8) (A) invent | (B) preserve | (C) focus | (D) utilize |

問2 (1)～(4)の質問の答えとして最も適切なものを、それぞれ下の(A)～(D)の中から一つずつ選びなさい。

- (1) According to paragraph 1, which of the following is true?
- (A) Drones are designed to move on the ground.
 - (B) Drones are used by the army.
 - (C) Most people think well of drones.
 - (D) There is the only reason why we use drones.
- (2) According to paragraph 2, which of the following is true?
- (A) Disaster victims can be better located by rescue workers on the ground.
 - (B) Airplanes can fly more safely than drones to investigate bad weather.
 - (C) Rescue workers are reluctant to use drone technology.
 - (D) Drones are useful both before and after storms strike.
- (3) According to paragraph 3, which of the following is true?
- (A) Drones can find criminals in a way watchdogs can't.
 - (B) Security cameras should be installed in fields rather than using drones.
 - (C) A license is required to use a drone for agricultural spraying.
 - (D) Some parts of an airplane can be assembled with the help of drones.
- (4) According to paragraphs 4 and 5, which of the following is true?
- (A) Newspaper journalists like taking photos outdoors with large cameras.
 - (B) Drones are perfect for indoor wedding photography.
 - (C) Drones may prove popular for taking pictures of many kinds of events.
 - (D) Photos and videos taken from the air look outdated.

Ⅱ 次の1～13の英文の空所に入る最も適切なものを、それぞれ下の(A)～(D)の中から一つずつ選びなさい。(26点)

1. These rules also apply _____ part-time workers.
(A) to (B) in (C) with (D) among
2. People are becoming more _____ social welfare.
(A) concerned (B) concerning
(C) concerned about (D) concerning with
3. I have a friend _____ sister is a fashion designer.
(A) that (B) who (C) which (D) whose
4. This company is _____ biggest in the city.
(A) twice (B) the second (C) one of (D) the two
5. Make _____ that they don't get lost while they are hiking in the mountains.
(A) sure (B) sense (C) out (D) ends
6. Could you send me _____ money to buy all the textbooks for the new semester?
(A) many (B) a lot (C) enough (D) at most
7. It is _____ April 1st that the academic year starts in this country.
(A) since (B) on (C) in (D) for
8. If it _____ a fine day tomorrow, I will go on a picnic with my friends.
(A) is (B) will be (C) has been (D) will have been
9. It is difficult to distinguish the fake _____ the original painting.
(A) between (B) from (C) out of (D) with

10. I'm sorry to _____ for so long.
(A) keep you wait (B) keeping you wait
(C) have kept you wait (D) have kept you waiting
11. We called _____ the waiter many times but he didn't come.
(A) into (B) away (C) off (D) for
12. I _____ harder during the summer vacation, but I was into video games at that time.
(A) have to study (B) should study
(C) might study (D) should have studied
13. It seems to me that the injury _____ urgent medical attention.
(A) requires (B) organizes (C) indicates (D) accomplishes

Ⅲ 次の 1～5 の日本語の意味を表すようにそれぞれ下の(A)～(G)の語句を並べかえて空所を補い、最も適切な英文を完成させるとき、(1)～(15)に入る語句の記号を答えなさい。ただし、文頭に置かれる語句もすべて小文字で表記されています。(15点)

1. 大学で学んだことの多くが、今の私の役に立っています。

Much (1)() (2)() at university is now () (3) ().

- (A) learned (B) to (C) what (D) useful
(E) me (F) of (G) I

2. 私の祖母は週 2 回500メートル泳いでも平気です。

My grandmother () (4)() (5)() (6)() week.

- (A) swimming (B) no (C) has (D) twice
(E) trouble (F) a (G) five hundred meters

3. 息子に夜ふかししないように説得するのはなかなか難しいです。

It is quite hard () () (7)() (8)() (9) at night.

- (A) to (B) late (C) my son (D) staying
(E) talk (F) up (G) out of

4. 骨折した足が治るのにどれくらいの時間がかかりますか。

How long () (10)() () (11)() (12) heal?

- (A) leg (B) a broken (C) take (D) to
(E) it (F) for (G) does

5. 財政援助がなかったら、我が社は危機的状況に陥っていたことでしょう。

(13)() (14), our company () () (15)() a crisis situation.

- (A) fallen (B) financial (C) without (D) have
(E) help (F) would (G) into

IV 次の1～5の会話の空所に入る最も適切なものを、それぞれ下の(A)～(D)の中から一つずつ選びなさい。(15点)

1. Satomi: Look at all this delicious food! _____

Patrick: Emma got into college. So we are celebrating.

Satomi: That's fantastic!

- (A) When did you buy it?
- (B) When does school start?
- (C) What's the occasion?
- (D) What's on the table?

2. Jenny: What are you going to do this weekend?

Emi: I haven't thought about it. I'm just so busy with work these days.

Jenny: _____

Emi: That's good advice. I need a break.

- (A) Why are you so busy?
- (B) How's your job these days?
- (C) Why don't you work harder?
- (D) How about talking with your boss about it?

3. Ron: Mom, I think I've lost my keys.

Mother: That's terrible. Where did you last see them?

Ron: _____

Mother: Well, they aren't there now.

- (A) On the kitchen table.
- (B) I can't remember.
- (C) I saw them recently.
- (D) You should keep better track of them.

4. Clerk: Would you like to buy some freshly baked cookies?

Customer: _____

Clerk: We sure do. How many would you like?

Customer: I'll take a dozen.

(A) Did you need baking powder?

(B) Do you have any chocolate chip ones?

(C) Did you wake up early this morning?

(D) Do you want to buy cookies?

5. Taro: Are you ready for the test today?

Sally: Oh, no! I forgot to bring a pencil.

Taro: _____

Sally: I would really appreciate that.

(A) I could lend you one of mine.

(B) I could borrow one of yours.

(C) Sorry, I don't have any pencils.

(D) I'm sorry to hear that.

- V 次の資料と E メールをもとに、1～4の質問の答えとして最も適切なものを、それぞれ下の (A)～(D)の中から一つずつ選びなさい。(12点)

“The Benefits of Regular Exercise”

Regular exercise is an essential part of a healthy lifestyle. It can help to reduce the risk of diseases such as heart disease and cancer. Exercise can also improve mental health and wellbeing, reducing stress and anxiety levels. However, it is important to exercise safely and to choose activities that are appropriate for your fitness level and health status. Start exercising today to see benefits within as little as one week.

Jupiter Gym
Kickboxing Schedule

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
12P.M.-1P.M.						Beginners	
3P.M.-4P.M.							Advanced
4P.M.-5P.M.						Advanced	
5P.M.-6P.M.						Beginners	Beginners
6P.M.-7P.M.						Advanced	Advanced
7P.M.-8P.M.	Beginners	Advanced	Beginners				Beginners
8P.M.-9P.M.	Advanced	Advanced	Advanced		Advanced		

To: marybrowne77@geemail.com
From: samanthayoung72@geemail.com
Date: May 12
Subject: Thanks

Hi Mary,

To answer your question, our meeting has been changed to tomorrow afternoon. Double-check with Frank when you get to the office tomorrow about the new location.

Also, thanks for sending me that article. It was the kick I needed. I did some homework and found the Jupiter Gym schedule online, and it looks like there'll be at least one suitable time for me. I've never done this before, so I'm a little nervous. You said you go to the last class on Tuesdays, so I don't think we'll see each other. I only have time on the weekends in the early afternoon. Can once a week be considered regular exercise? Well, I have to begin somewhere. Wish me luck!

See you tomorrow,
Sam

(出典: *Maximize Your Score on the TOEIC® L&R Test*,
鶴岡公幸・佐藤千春・Matthew Wilson 著, 松柏社)

1. What is one benefit of regular exercise mentioned in the article?
 - (A) To save yourself in dangerous situations.
 - (B) To increase one's chances to become rich.
 - (C) To lose weight.
 - (D) To cope with the stresses of life.

2. What most likely is the relationship between Mary and Sam?
 - (A) Work colleagues
 - (B) Fitness trainer and student
 - (C) Gym friends
 - (D) School classmates

3. What kickboxing class will Sam most likely take?
 - (A) Tuesday Advanced 8 p.m. to 9 p.m.
 - (B) Wednesday Beginners 7 p.m. to 8 p.m.
 - (C) Saturday Beginners 12 p.m. to 1 p.m.
 - (D) Sunday Advanced 3 p.m. to 4 p.m.

4. Which of the following is true according to the email Sam sent?
 - (A) Sam has been in poor shape lately.
 - (B) Sam is thinking of beginning kickboxing.
 - (C) Sam won't be able to meet Mary at tomorrow's meeting.
 - (D) Sam is looking for an online fitness coach.