

問題・解答  
用紙番号

18

の解答用紙に解答しなさい。

## 英 語

〈受験学部・学科〉

法学部, 国際学部, 経済学部, 経営学部, 理工学部,  
薬学部, 看護学部, 農学部

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。

(34点)

1        Around the world, scientists are working together to put humans on Mars. It won't be easy. Going to Mars isn't a short trip. At its closest, Mars is 150 times farther away from us than our moon is. Using the fuel in today's rockets, it would take about six months to get there. That's a long trip.

2        There are many dangers in space. One danger is radiation\*. It is a form of energy that can harm people. It can cause cancer and even kill. Luckily, spaceships do block some radiation. Spacesuits block more of it, but not all. Something stronger needs to be invented. Engineers are working on this problem now.

3        There are other problems astronauts face, too. Long trips in space can weaken bones. On Earth, bones stay healthy when muscles pull on them. The muscles fight against gravity. There is no gravity in space, so bones grow weak. Astronauts are already testing a new exercise machine. It makes the astronauts feel like they are pushing against gravity. Scientists are also studying a new medicine. It will keep bones from becoming weak.

4        It is important that the crew members get along, too. They will be cooped up\* together for a long time. They might become restless. They may argue. Yet all

of the astronauts need to get along. If something goes wrong, they will have to find a solution. It would take too long to get help from Earth. The crew needs to handle emergencies together.

5 (7) After the rockets and the crew are ready to go, it is time for the next step. Some scientists think the next step is to go to Mars. They think crews should make a short visit to Mars, then go back to Earth. Others think a Mars trip should be one-way. They believe a Mars colony could be set up within 10 years.

6 To live on Mars, people will need water, air, and food. Luckily, Mars has some resources. It has ice. The ice could be taken from the ground for drinking and washing. Oxygen in the water could make air to breathe.

7 Learning more about Mars and space travel is very important. It will help astronauts and engineers make decisions. By working together, humans may one day reach Mars. Then the people of Earth can call the Red Planet home, too.

(出典 : *Science Frontiers: Developing Your English with National Geographic*, Keiko Hattori/ Toshio Hidaka/ Yayoi Yamashita/ Kana Matsuda/ Judy Noguchi 著, センゲージラーニング)

(注) radiation\* 放射線

be cooped up\* (狭苦しい所に) 閉じ込められる

問1 下線部(1)~(9)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) fascinate   | (B) encourage    | (C) utilize     | (D) hurt        |
| (2) (A) developed   | (B) postponed    | (C) succeeded   | (D) removed     |
| (3) (A) integrate   | (B) obey         | (C) struggle    | (D) stretch     |
| (4) (A) method      | (B) drug         | (C) instrument  | (D) field       |
| (5) (A) proceed     | (B) cooperate    | (C) reply       | (D) compete     |
| (6) (A) uneasy      | (B) disappointed | (C) accustomed  | (D) comfortable |
| (7) (A) transfer to | (B) rely on      | (C) escape from | (D) deal with   |
| (8) (A) assigned    | (B) designated   | (C) combined    | (D) established |

- (9) (A) raw materials (B) detailed information  
(C) scientific data (D) industrial products

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 paragraphs 1 and 2, which of the following is true?
- (A) Scientists expect to live on the surface of Mars without shelter.
  - (B) It is easy for scientists to reach Mars by using a rocket.
  - (C) Humans need something to protect them from radiation.
  - (D) Spaceships are designed with solid blocks that completely hold in radiation.
- (2) According to paragraph 3, which of the following is true?
- (A) Only animal bones are likely to weaken in a spaceship.
  - (B) Bones become weak under conditions of weightlessness.
  - (C) New exercise machines can do damage to astronauts' muscles.
  - (D) Scientists don't believe medicines are effective without gravity.
- (3) According to paragraph 4, which of the following is true?
- (A) Crew members will be unable to settle arguments among themselves.
  - (B) Support from the team on Earth will always be available.
  - (C) The best way to solve possible problems would be to consult the team on Earth.
  - (D) The long distance from Earth will make it difficult to help the crew in an emergency.
- (4) According to paragraphs 5, 6 and 7, which of the following is true?
- (A) Few scientists agree that the next objective is to reach Mars.
  - (B) It will take about a decade to return to Earth from Mars.
  - (C) People living on Mars will require something to eat.
  - (D) Oxygen on Mars is unavailable since it exists only in ice.

Ⅱ 次の1～12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。(24点)

1. My sister finds country life \_\_\_\_\_ because she thinks nothing exciting happens there.  
(A) amused (B) amusing (C) bored (D) boring
2. I ran \_\_\_\_\_ one of my old friends on my way back home.  
(A) away (B) out (C) up (D) into
3. “How \_\_\_\_\_ will the next train arrive?” “It will come in 30 minutes.”  
(A) far (B) long (C) soon (D) often
4. \_\_\_\_\_ I want to explain is the reason the accident occurred.  
(A) What (B) Why (C) There (D) That
5. The office is \_\_\_\_\_ walking distance of Central Park.  
(A) at (B) from (C) with (D) within
6. Tickets are available at a reduced price if payment is made in \_\_\_\_\_.  
(A) order (B) detail (C) advance (D) particular
7. Unfortunately, Steven turned \_\_\_\_\_ my request for assistance.  
(A) out (B) down (C) into (D) off
8. If we \_\_\_\_\_ the package by yesterday, we could've given it to her.  
(A) receive (B) received (C) have received (D) had received
9. You won't get the scholarship \_\_\_\_\_ you meet the requirements.  
(A) otherwise (B) unless (C) if (D) nevertheless
10. The negotiations between the two countries have made \_\_\_\_\_ progress.  
(A) little (B) few (C) any (D) many

11. When it \_\_\_\_\_ to making an apple pie, no one knows more than my mother.

- (A) goes                      (B) talks                      (C) appears                      (D) comes

12. The grocery store \_\_\_\_\_ last month for financial reasons.

- (A) is already closed                      (B) has already closed  
(C) was closed                      (D) has been closing

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. この機器は、私たちの会議の音声と映像の両方を記録するのに使えます。

This (        )( 1 )(        )( 2 )(        )( 3 ) sound and pictures (        )  
our conference.

- (A) during                      (B) recording                      (C) is                      (D) both  
(E) used                      (F) equipment                      (G) for

2. 気が進まないなら、その申し出を断った方がいいと思いますよ。

If you don't (        )( 4 )(        ) it, I think it would (        )( 5 )( 6 )  
(        ) the offer.

- (A) better                      (B) doing                      (C) be                      (D) feel  
(E) like                      (F) refuse                      (G) to

3. それは、一生忘れることのないようなコンサートでした。

It was the kind of (        )( 7 )(        )( 8 )(        )( 9 )(        ) of  
my life.

- (A) would                      (B) that                      (C) remember                      (D) for  
(E) concert                      (F) the rest                      (G) I

4. ジョンは、その個人的な質問をされた後、返事に詰まりました。

(        )( 10 )(        ) that personal question, John was ( 11 )(        )  
( 12 )(        ).

- (A) a loss                      (B) being                      (C) after                      (D) a reply  
(E) for                      (F) at                      (G) asked

5. 野原に着くとすぐに、私は犬を遊ばせてやりました。

( 13 )(        )(        )( 14 ) the grass field, I (        )( 15 )(        ).

- (A) to                      (B) my dog                      (C) I                      (D) the minute  
(E) play                      (F) let                      (G) got

**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. Mother: I just baked a cake using this new recipe.

Noah: Wow! \_\_\_\_\_

Mother: Just wait a while. It needs to cool down.

Noah: I can't wait to try it.

(A) Where did you get the recipe?

(B) Can I have some?

(C) Can I help you?

(D) How long did it take?

2. Yuma: \_\_\_\_\_

Lisa: Well, there are plenty of hotels.

Yuma: But they seem to be booked up. What can we do?

Lisa: You worry too much. We'll be fine.

(A) I wonder if we'll be able to find a room.

(B) Have you already checked in?

(C) Is there a lot of room at the beach?

(D) Do you have your credit card?

3. Server: Here are your drinks. Sorry for the wait.

Sam: This is tea. Did we order tea?

Kaori: No, I ordered coffee for both of us.

Server: Oh, I'm terribly sorry. \_\_\_\_\_

(A) Please be more careful next time.

(B) I'll be right back with your order.

(C) Did you want something to eat as well?

(D) Let me bring you the bill.

4. Customer: We'd like to spend a week in Hawaii.

Travel agent: \_\_\_\_\_

Customer: Maybe something a little less expensive.

Travel agent: We have some very nice beach cabins as well.

(A) Might I suggest an inexpensive hotel?

(B) I don't recommend going there.

(C) How much do you want to spend?

(D) Are you looking for a resort hotel?

5. Mami: Thanks for lending me your backpack.

Harry: Hey, the strap is broken! What happened?

Mami: I put too much in it. \_\_\_\_\_

Harry: That's OK. It was kind of old.

(A) Do you have another one I could borrow?

(B) I love to buy new things for myself.

(C) Did you loan me something else?

(D) I'll buy you a new one.



- V 次の資料をもとに、1～4の質問の答えとして最も適切なものを、(A)～(D)の中から一つ選びなさい。(12点)

## SEATTLE MONORAIL

The Seattle Monorail moves passengers between Seattle Center and Westlake Mall in about five minutes. Departures are every ten minutes from two stations: Seattle Center Station (across from the Space Needle) and Westlake Mall Station (Fifth Avenue and Pine Street).

Hours: Sunday–Thursday 9:00 a.m.–9:00 p.m.  
Friday–Saturday 9:00 a.m.–11:00 p.m.

SEATTLE MONORAIL FARES (ROUND-TRIP)*	
Adult	\$4.00
Youth (5-12)	\$1.50
Senior (65 and older) and Disabled	\$2.00
Children (4 and under)	Free
*One-way fares are half of the round-trip price FARES SUBJECT TO CHANGE	

(出典：TOEIC<sup>®</sup> Test Training 500 <Revised Edition>, 水島孝司/Roger Pattimore 著, 南雲堂)

1. Which statement best describes the Seattle Monorail?
- (A) It connects the harbor and the central part of the city.
- (B) It runs between two main spots in the city in ten minutes.
- (C) Passengers can take a train at 10 p.m. on Sundays.
- (D) Passengers missing a train can catch the next train within ten minutes.

2. If you take a train at Seattle Center Station at 9 a.m. on Wednesday, what time will you arrive at Westlake Mall Station?
- (A) At 9:05 a.m.
  - (B) At 9:10 a.m.
  - (C) At 9:15 a.m.
  - (D) At 9:20 a.m.
3. According to the table, how much would it cost a 30-year-old mother with her three-year-old daughter to take the monorail one way from Seattle Center Station to Westlake Mall Station?
- (A) \$2.00.
  - (B) \$4.00.
  - (C) \$5.50.
  - (D) \$6.00.
4. According to the passage and the table, which of the following is true?
- (A) A 70-year-old passenger does not need to pay anything at all.
  - (B) If you decide to get off halfway on your trip, the fare is half of the one-way price.
  - (C) An adult has to pay exactly twice as much as a disabled passenger.
  - (D) Fares are guaranteed to remain the same.