

◇ 英 語

英 2-1～英 2-11 まで 11 ページあります。

I 次の英文を読み、設問に答えなさい。解答はすべて所定の解答欄にマークしなさい。

Getting paid to stay in bed all day sounds pretty good. But what if someone offered you \$23,000 to stay in bed for two months? That's the deal that a medical research team in Toulouse, France, is offering to 24 volunteers.

Researchers at the Institute of Space Medicine and Physiology, are looking for volunteers to help them study the effects of weightlessness on the human body by spending 60 days lying down. Lying in bed isn't exactly the same as being weightless, but the effects on the human body are similar.

When astronauts spend a long time in an environment with no *gravity, like the International Space Station (ISS), their bodies are affected in many ways. After a couple of months on the ISS, astronauts' hearts don't pump as hard. Their muscles become smaller and weaker because they no longer have to work against gravity. Their bones become less dense and may break more easily. There may also be changes in the astronauts' **immune systems and sleep habits.

Dr. Arnaud Beck, the physician in charge of the study, said his goal is to measure the effects of weightlessness, and also to find ways to prevent problems.

The study will take 88 days altogether. During the first two weeks the subjects will be measured and tested to establish their levels of fitness and strength. Then they will spend 60 days lying in bed with their heads slightly lower than their bodies.

They will have to do everything while lying down, including eating, brushing their teeth, and going to the bathroom. Dr. Beck said the rule is that they must have at least one shoulder touching the bed at all times.

Half of the volunteers in the study will be taking capsules containing special food supplements several times a day to see if they help reduce the health problems caused by weightlessness.

The last two weeks of the study will be spent taking more measurements and trying to build up the subjects' strength again.

Volunteers must be men between the ages of 20 and 45 who are in perfect health and physically active. They must be non-smokers and have no allergies or dietary restrictions.

*gravity --- 重力

**immune systems --- 免疫システム

解答番号

1

～

5

本文の内容に合うように次の 1～5 の文の空所に入れるべき最も適切な表現を ①～④ から一つずつ選びなさい。

1 Volunteers will have to stay in bed for ().

1

- ① 24 days
- ② 45 days
- ③ 60 days
- ④ 88 days

2 When people spend a long time on the International Space Station, their ().

2

- ① muscles grow bigger
- ② bones become weaker
- ③ hearts beat harder
- ④ sleeping habits improve

3 For sixty days volunteers must ().

3

- ① get up to go to the bathroom
- ② have their teeth checked regularly
- ③ take meals while in bed
- ④ touch the floor with their hands

問題は次のページに続きます。

4 Volunteers will ().

4

- ① be paid different amounts of money
- ② become astronauts on the ISS
- ③ experience different experimental conditions
- ④ undergo the same experimental conditions

5 () could become a volunteer for this experiment.

5

- ① A 27-year-old non-smoking woman
- ② A 50-year-old non-smoking man
- ③ A 33-year-old woman in excellent health
- ④ A 44-year-old man in excellent health

このページは空白です。

II 次の会話で、空所 ～ に入る表現を選択肢 ①～⑨から一つずつ選び所定の解答欄にマークしなさい。

A: (). My name is John Sandals.

B: May I see your ID, please, Mr. Sandals?

A: Certainly. Here it is.

B: Thank you. Do you have a credit card, Mr. Sandals?

A: Yes, I do. () American Express?

B: Sorry, sir, just VISA or MasterCard.

A: Here's my VISA card.

B: Okay. You're in room 507. It's a single queen-size bed, spacious, and nonsmoking. ()?

A: Yes, it sounds like everything I expected.

B: Here's your key, sir. (), just dial 0 on your room phone.

A: Actually, I need to request a wake-up call for tomorrow morning.

B: What time do you want the call?

A: I need two calls, one at 7 and another at 7:15.

B: (). Expect a call from us at 7:00, and then again at 7:15.

A: Oh, wait a minute. () the latter wake-up call to 7:30 am?

B: I can certainly do that. Is there anything else?

A: I can't think of anything. If I do think of something, I'll be sure to call.

B: Okay. Good night, sir.

解答番号

6 ~ 11

選択肢

- ① Are you suitable
- ② Can I change
- ③ Do you accept
- ④ I have a reservation
- ⑤ Is that suitable
- ⑥ If you have everything
- ⑦ If you need anything
- ⑧ I'm sorry we can't do that
- ⑨ We can certainly do that

III 次の広告を読んで、設問に答えなさい。解答はすべて所定の解答欄にマークしなさい。

TOURS by LOCALS

Kyoto customized full day tour

This is a tailor-made tour for you. Tell us your requests and we will make an original tour.

If you are a first time visitor to Kyoto, our recommendation is visiting the places on the sample tour itinerary below. You can choose 5 to 6 places for a full-day tour.

ITINERARY

- *Fushimi Inari Shrine*
- Bamboo forest
(Lunch)
- *Kinkakuji Temple*
- *Ryoanji Temple* (Rock garden)
(If time allows, we visit *Nishiki Food Market*)
- *Gion Geisha district*

BOOK THIS TOUR

TOUR PRICE: 35,000 yen

(For up to 10 people)

Duration: 8 hours

Other recommended places are:

- *Heian Jingu Shrine*
- Japanese green tea cafe
- *Nanzenji Temple*

MEETING LOCATION AND TOUR DURATION

Meeting location: JR Kyoto station or your hotel lobby

End location: Your hotel or upon your request

Duration: 8 hours

WHAT'S INCLUDED?

Service by a private guide for an 8-hour tour. Freedom to create your own tailor-made tour.

ESTIMATED LOCAL CASH NEEDED:

Lunch: From 1,000 yen to 3,000 yen

Public transportation: 1,000 yen

Entrance fees for temples: 1,000 yen for 2 places (@ 500 yen each)

WHAT'S EXTRA?

Transportation (we'll use public transport)

Meals (lunch, snack, etc.)

Travel insurance (please have your own during the tour)

*If you want to use a taxi, we can catch a taxi from point to point. It usually costs between 1,000 yen and 3,000 yen.

RESTRICTIONS:

We are not driver-guides, but we can arrange transportation upon request.

問題は次のページに続きます。

解答番号

12

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21

次の 1～10 について、広告の内容に合うものはそれぞれの解答欄の①を、広告の内容に合わないものは解答欄の②をマークしなさい。

- | | | |
|----|---|----|
| 1 | Tourists on this tour may choose where they want to go. | 12 |
| 2 | A full day tour is more than 8 hours. | 13 |
| 3 | The ad suggests some places to visit. | 14 |
| 4 | The ad guarantees visiting <i>Nishiki</i> Food Market. | 15 |
| 5 | The tour guides are probably residents of Kyoto. | 16 |
| 6 | If 6 people go on this tour, the price is 35,000 yen. | 17 |
| 7 | Travel insurance is not included. | 18 |
| 8 | Tourists can begin the tour at more than 2 locations. | 19 |
| 9 | A tour guide will only use public transportation. | 20 |
| 10 | Transportation, meals, and entrance fees are included. | 21 |

IV 次の1～5の空所に入れるのに最も適切な語句を①～④から一つずつ選びなさい。
解答はすべて所定の解答欄にマークしなさい。

1 I () this dress for very long. It still looks quite new.

22

- ① hadn't ③ haven't been having
② haven't had ④ wasn't having

2 He asked me () students were in this university.

23

- ① how many ③ what a lot of
② how much ④ what great number of

3 He speaks () he had a toothache, but he doesn't.

24

- ① as ③ how
② as if ④ so as

4 My brother is () chef I know.

25

- ① a best ③ better
② best ④ the best

5 Every time I () him, he is so kind to me.

26

- ① am seeing ③ saw
② have seen ④ see

V 次の1～3において語群を並べ替えて意味の通じる英文を作りなさい。語群から文の指定された二ヶ所に入る語句を選び、その語句の番号を所定の解答欄にマークしなさい。

1 He spoke so () () () () () ()

at all from the first row.

- | | | |
|----|-----------|-------------|
| 語群 | ① we | ④ hear |
| | ② quietly | ⑤ that |
| | ③ him | ⑥ could not |

2 My father promised to () () ()

() () ().

- | | | |
|----|--------|--------------|
| 語群 | ① for | ④ my trip |
| | ② give | ⑤ some money |
| | ③ me | ⑥ to England |

3 I don't () () () () ()

() would like to.

- | | | |
|----|---------------|--------|
| 語群 | ① as | ④ have |
| | ② as much | ⑤ I |
| | ③ for reading | ⑥ time |