

# 一般入試 後期・高得点2教科型(D日程)

## 英語

I 次の会話を読み、下記の設問に答えよ。(配点 25)

Haruko: I'm thinking about joining a club this year. Takao, are you in a club?

Takao: Yes. I joined the Business Club last year.

Haruko: Why did you join the Business Club?

Takao: Well, I like the people in the club and they do a lot of useful and 1 things.

Haruko: What kind of things do you do in the Business Club?

Takao: Well, we learn how to write effective business letters and practice taking job interviews. And we hold a monthly group discussion on different topics related to business. Plus, we visit companies and interview people from the business community.

Haruko: It sounds like you are very active and you get to learn a lot of interesting stuff.

Takao: That's right. Also, I used to be pretty shy, but now I don't feel quite so nervous when I speak in front of people. I have greater confidence in expressing my opinions.

Haruko: Oh, that's great. Do you think I can join, too?

Takao: Of course! Anyone can join.

Haruko: When does the club meet?

Takao: It meets twice a week on Tuesday and Thursday from 5:00 p.m. to 6:30 p.m.

Haruko: How much does the membership cost?

Takao: There's no membership fee. But you have to pay for the round trip transportation for any company visit. We also hold a couple of parties each year that you have to pay for.

Haruko: Sounds interesting.

Takao: It really is. One more thing, the advisor of the club is Professor Murayama. He's a great teacher and gives us a lot of support and good advice.

2 .

(1) 空所  と  に入る最も適切なものを次の中からそれぞれ1つ選び、その番号をマークせよ。

① fascinate      ② fascinating      ③ fascinated      ④ fascinatingly

① I'm sure he needs your advice  
② I'm sure you don't need support  
③ I'm not so sure about him  
④ I'm sure you'll like him a lot

(2) 次の問いの答えとして最も適切なものを下記の中からそれぞれ1つ選び、その番号をマークせよ。

1) What is something the Business Club does NOT do?

- ① Start a business
- ② Talk to business people
- ③ Compose business letters
- ④ Practice job interviews

2) What do members of the Business Club have to pay for?

- ① Company costs
- ② Club membership
- ③ Travel expenses
- ④ Vacations

3) Which of the following statements is true?

- ① Twice a month, the Business Club gives members the opportunity to discuss topics beyond business, helping them expand their knowledge across a variety of fields.
- ② Although she is usually shy, Haruko always contributes a lot of useful information during the Business Club's active discussions.
- ③ The Business Club meets on weekend evenings and always includes a company visit.
- ④ Takao has become less nervous and more confident in giving his opinions since he joined the Business Club.

Ⅱ 次の理科実験の手順と解説を読み、下記の設問に答えよ。(配点 25)

<b>SUPPLIES</b>	Two empty cans (250 ml size) Thermometer Black spray paint
<b>PREPARATION</b>	One can needs to have a shiny metallic surface inside and out. The other can should be painted black inside and out.

**Procedure**

1. Fill the two cans with 100 ml of water.
2. Measure the temperature of the water in each can. (The readings should be the same in both cans.)
3. Remove the thermometer and place the cans in a sunny location where they will receive two hours of sunlight and will not be disturbed.
4. After two hours, measure the temperature of the water in each can.

**Result**

The water in the black painted can had a higher temperature after exposure to the sun than the water in the shiny can.

**Discussion**

The darker and duller the object is, the more energy that object absorbs. The lighter the color or the shinier the object is, the less energy that object absorbs. Some objects, like glass, seem to absorb light hardly at all—the light goes through. For a shiny metallic surface, the light is not absorbed 

9
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, and it gets reflected. For a black material, light and heat are almost completely absorbed. Since more energy is reflected from ( ア ), it absorbs less energy than ( イ ).

(1) この実験で必要とされていないものを次の中から1つ選び、その番号をマークせよ。

**6**

- ① 試験管                      ② 温度計                      ③ スプレーペンキ                      ④ 空き缶

(2) この実験の目的として最も適切なものを次の中から1つ選び、その番号をマークせよ。

**7**

- ① To observe how sunlight goes through glass and water  
② To discover how the color of water has an effect on temperature  
③ To demonstrate how sunlight gets reflected on the surface of water  
④ To show how different colored objects absorb energy

(3) この実験に関して、本文の内容に合うものを次の中から1つ選び、その番号をマークせよ。

**8**

- ① 実験は、気が散らないように静かな場所で行う。  
② 実験中、温度計はずっと缶の中に入れておかなければならない。  
③ 2つの缶は、2時間継続して日光にさらされなければならない。  
④ 実験開始時の水の温度は、それぞれ違っていることが望ましい。

(4) 空所 **9** に入る最も適切なものを次の中から1つ選び、その番号をマークせよ。

- ① hardly                      ② either                      ③ both                      ④ too

(5) 空所 ( ア ) と ( イ ) に入る組み合わせとして最も適切なものを次の中から1つ選び、その番号をマークせよ。 **10**

( ア )                      —                      ( イ )

- ① the shiny can                      —                      the black painted can  
② the light colored can                      —                      the shiny metallic can  
③ the dark metallic can                      —                      the dark and dull colored can  
④ the black painted can                      —                      the lighter colored can

- Ⅲ 次の表は、あるオンライン書店による週間ベストセラーランキングである。下記の  
 (1) ~ (6) の空所  ~  に入る最も適切なものをそれぞれ1つ選び、  
 その番号をマークせよ。(配点 26)

TOP SELLING BOOKS ONLINE

Book Title	Author(s)	This week	Last week	Weeks on list
<i>Victoria &amp; Me</i>	David Owen	1	1	22
<i>The World Is Square</i>	Tom F. Kepler	2	2	50
<i>Snake III</i>	Jack M. Gene and Celine Blues	3	-	1
<i>Misleading Mary</i>	John K. Anthony	4	14	4
<i>Free Economics</i>	Sally Forbes	5	3	10
<i>The Sister Cried</i>	Hana Tracy	6	6	3
<i>Give Me a Wink</i>	Gary MacDonald	7	5	59
<i>How My Cat Meows</i>	Jane O'Connor	8	-	1
<i>The Twenty Second Rule</i>	Bob Patterson	9	8	2
<i>Left to Show</i>	Deborah S. Mayers	10	11	9
<i>Human Hunting</i>	Mike Weaver and Chris Wright	11	10	24
<i>A Moment in the World</i>	Tom F. Kepler	12	-	1
<i>What Luke Meant</i>	Warren Bishop	13	4	6
<i>Hello, Goodbye</i>	Yoko and Ken Edward	14	-	1
<i>Incredible Her!</i>	Katherine A. Norton	15	-	1

(書名・著者名はすべて架空)

- (1) The number of the books which have stayed on the top 15 list for more than 10 weeks is  .  
 ① three                      ② four                      ③ five                      ④ six
- (2)  has stayed on the list for the longest number of weeks.  
 ① *Victoria & Me*                      ② *Snake III*  
 ③ *Give Me a Wink*                      ④ *Incredible Her!*
- (3) Five of the 15 books were  the list last week, but have entered it this week.  
 ① up to                      ② not on                      ③ across from                      ④ out with
- (4) Two books by the same author rank in the list this week. *The World Is Square* ranks  *A Moment in the World*.  
 ① above                      ② next to                      ③ lower than                      ④ inferior to

(5) This week's third-ranked book is written by a  of authors.

- ① twice                      ② double                      ③ second                      ④ pair

(6) Last week, *Misleading Mary* was ranked below *The Sister Cried*, but the former book has  up over the latter this week.

- ① declined                      ② dropped                      ③ jumped                      ④ fell

IV 次の英文を読み、下記の設問に答えよ。(配点 25)

Did you ever wonder why the number 7 is considered so lucky? What makes it different from any other number? Let's look at why 7 is a lucky number in many western cultures.

The most sensible explanation as to why 7 is considered lucky has to do with Christian religion. According to the Bible, the world was created in 7 days (creation in 6 days with one day of rest on the 7th day). This is one possible origin of the belief that 7 is lucky. But, is this the only possible reason? Let's look at some other examples of when 7 is considered lucky.

The number 7 is considered particularly lucky in games of chance. Slot machines and dice games, for example. If you have two dice, each die only contains the numbers 1 to 6. The number 7 is only possible with each die using only opposite numbers 1 + 6, 2 + 5 or 3 + 4. That makes 7 unusual and perhaps lucky. There are also 7 days in a week and 7 ancient wonders of the world. In the ancient world, there were also 7 visible planets including the sun and moon. Also, traditionally, sailors sailed the 7 seas.



Other scholars point out that 3, the number of points in a triangle and 4, the number of points in a square equal 7 when combined. In some countries, there are also 7 visible colors in a rainbow: red, orange, yellow, green, blue, indigo, violet.

Perhaps the number 7 is just lucky because of superstition more than anything else—a belief passed on from generation to generation until it finally becomes widely 18. We may never know the true reason why 7 became a lucky number. There are simply too many good things that include 7. Or maybe that is the reason, so many good things are grouped in 7 that the number must be lucky.

(Source: 中津川雅宣, Shawn M. Clankie, 『Asking Why? The Science of Everyday Life』, 2012)



V モウドクフキヤガエル (golden poison frog) に関する次の英文を読み、下記の設問に答えよ。(配点 25)

The most dangerous animal in the world is not a lion nor a tiger, nor even a poisonous snake. This title instead belongs to a small, brightly colored frog living in the Pacific jungles of Colombia in South America—a frog named the “golden poison frog.”

The name derives from the frog’s two outstanding traits. While sometimes green or orange, the frog is typically a very rich yellow in color. This yellow can sometimes seem as <sup>1)</sup>dazzling as gold. The frog’s skin is coated with a thin layer of poison. This coating of poison is only for self-defense, as the frog will never attack other animals. Yet, touching the frog can cause certain death. The golden yellow almost serves as a warning for other creatures to back off and stay away.

How deadly is the golden poison frog? The potency varies from frog to frog, but scientists estimate the average golden poison frog carries about one milligram of a poison so powerful that a single frog could kill 10,000 mice. In human terms, one milligram of this poison might kill as many as ten adults. The frog might thus be heralded as the most dangerous animal on earth.

The golden poison frog is small, at most only five centimeters 25 length. Yet, it has had a large impact on the traditional cultures of the Colombian rainforest. People there learned about the poison long ago and have applied it to their hunting. They dip darts into the frog poison and use these darts to shoot and kill larger animals, which they then skin or cook for food. Thus, for centuries, the little golden poison frog has helped feed and clothe the native peoples of the Colombian jungles.

Pretty to see, but impossible to touch, the golden poison frog presents no danger to anyone as long as it is left alone. The world’s most dangerous animal, therefore, lives a tranquil and colorful life deep in the jungles of Colombia.

(Source: マイケル・シャワティ, トム・デイロン, 西谷恒志,  
『Active Training for Reading and Writing through 15 Topics』, 2016)

(1) 下線部1) “traits” と文脈を変えずに置きかえられるものを次の中から1つ選び、その番号をマークせよ。 22

- ① colors                      ② characteristics              ③ dangers                      ④ families

(2) 下線部2) “the frog” に関して、本文の内容に合わないものを次の中から1つ選び、その番号をマークせよ。 23

- ① どの個体の皮膚の色にも、緑、オレンジ、黄、金の4色が含まれている。  
② 皮膚は毒の薄い層で覆われている。  
③ 毒を用いて自ら他の動物を攻撃することはない。  
④ 皮膚の色は、他の生きものに対する警告の役割を果たしている。

(3) モウドクフキヤガエルの毒1ミリグラムの毒性の強さを示す例として、本文で述べられているものを次の中から1つ選び、その番号をマークせよ。 24

- ① Poisonous enough to kill a lion, a tiger, and a snake  
② Poisonous enough to kill one hundred thousand mice  
③ Poisonous enough to kill the most dangerous animal  
④ Poisonous enough to kill ten people

(4) 空所 25 に入る最も適切なものを次の中から1つ選び、その番号をマークせよ。

- ① at                              ② from                              ③ in                              ④ on

(5) 本文の内容に合うものを次の中から1つ選び、その番号をマークせよ。 26

- ① モウドクフキヤガエルは、攻撃された際に皮膚の色を変えて威嚇する。  
② コロンビアの熱帯雨林に暮らす人々は、モウドクフキヤガエルの毒を塗った吹き矢で大型の獲物をしとめていた。  
③ コロンビアのジャングルには、モウドクフキヤガエルから毒を抽出した後に、そのカエルを調理して食していた先住民もいた。  
④ コロンビアのジャングルの奥深くに行けば行くほど、よりカラフルなモウドクフキヤガエルが生息している。

VI 次の1)～4)の日本語の意味を表すように、①～⑥の語句を並べかえて英文を完成させるとき、空所 **27** ～ **34** に入る最も適切なものをそれぞれ1つ選び、その番号をマークせよ。(配点 24)

1) にわか雨にあわなくて、彼らは運がよかった。

They were \_\_\_\_\_ **27** \_\_\_\_\_ **28** \_\_\_\_\_ .

- ① the shower                      ② caught                      ③ in  
④ not to                              ⑤ be                              ⑥ lucky

2) 母は減量しようとするのをあきらめた。

My mother \_\_\_\_\_ **29** \_\_\_\_\_ **30** \_\_\_\_\_ .

- ① weight                              ② up                              ③ to  
④ trying                              ⑤ lose                              ⑥ gave

3) そのボクサーは以前のように強くはない。

The boxer is \_\_\_\_\_ **31** \_\_\_\_\_ **32** \_\_\_\_\_ .

- ① used to                              ② he                              ③ as  
④ not                                      ⑤ be                              ⑥ as strong

4) マイクは一生懸命勉強したから、試験がよくできたに違いない。

Mike studied \_\_\_\_\_ **33** \_\_\_\_\_ **34** \_\_\_\_\_

on the exam.

- ① that                                      ② must                              ③ well  
④ so hard                              ⑤ he                                      ⑥ have done