

平成 21 年度 金沢医科大学医学部入学試験問題
一般入学試験 (英 語)

1 次の会話 (1), (2) の [1], [2] に入れるのに最も適切な文を, それぞれ①~④から 1 つ選びなさい。

(1) Bob: Good morning, Liz. What's the matter? Are you worried about something?

Liz: Hi, Bob. It's about John. How come he looks so angry this morning?

Bob: Well, he's not angry; he's just hungry. [1]

Liz: Oh, to buy the car he was mentioning? But it's not good for his health!

- ① He didn't eat breakfast because he was sick.
- ② He's been skipping meals to save money.
- ③ He went to the store to look for it.
- ④ He couldn't eat because he had a big quarrel with his professor about the report.

(2) Mary: Hello, Professor Jordan.

Jordan: Hi Mary. How is your project going?

Mary: Pretty good. May I move on to the experimental stage now?

Jordan: [2]

Mary: Oh, really? Could you please explain why not?

- ① I'm afraid you'll have to wait a few more days.
- ② Not really. It doesn't move like that.
- ③ Sure, but the stage shouldn't be put together.
- ④ I'm not sure about that. It may be too small for us.

2 次の英文 (1) ~ (5) の [3] ~ [10] に入れるのに最も適切な語句を, それぞれ①~⑥から 1 つ選びなさい。

(1) The agreement for the merger, which was finally signed by the two companies, is expected to take [3] on July 14th.

- ① places ② turns ③ action ④ effect ⑤ course

(2) I wonder what the result of his physical examination was. It [4] very serious because he looks less concerned now than before.

- ① doesn't have to be ② might be ③ may have been
- ④ had better be ⑤ couldn't have been

(3) Dr. Brown: Well, what about other diseases such as lung cancer?

Dr. Wong: The incidence of lung cancer is also increasing dramatically, [5] this graph.

- ① described clearly ② to describe in ③ as shown in ④ as seeing ⑤ as clear as

(4) All the decisions made by the committee seem to have in some way [6] by the policies the board had established.

- ① influence ② were influenced ③ influential ④ to influence ⑤ been influenced

(5) Lifestyle related disease is [7] just an adult problem. Like their parents, children are also eating too much, moving too little, and getting fatter. Alarming, several long-running studies of children's health [8] that the first symptoms of heart disease can now be found in children still in elementary school. If we don't start now to reverse unhealthy behaviors, children will suffer [9] life-threatening heart problems at earlier ages than either their parents or grand parents. The situation is already serious and something needs [10] immediately.

- [7] ① yet to be ② no less than ③ much less ④ another ⑤ no longer

- [8] ① has found ② have found ③ were found ④ was finding ⑤ had been found

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9 ① of ② under ③ from ④ over ⑤ against

10 ① doing ② to have done ③ having done ④ to be done ⑤ to do

3 次の文章を読み、下の問い (1) ~ (3) に答えなさい。

Everyone has fears. If you did not have some fears, you probably would not have **11** this long. Fear can be a safeguard, a protection from danger.

12 all emotions, fear produces a physical reaction in your body. When you experience fear, your sympathetic nervous system responds by preparing your body for necessary action. Hormones cause your heart to beat faster and increase the force of each contraction. This sends an increased **13** of blood to your heart and muscles, while blood vessels in other parts of your body constrict. Your breathing rate increases. These responses are ways your body prepares to protect itself from danger. When the situation causing fear is gone, your body returns to its normal state. Some people like the response the body gets during times of fear. You may know someone who enjoys going to scary movies or doing daring acts.

Psychologists believe that most fears are learned, except for possibly the fear of loud noises and the fear of falling. What are some fears you learned as a child? **14** This fear may have helped you decide to wear a seat belt every time you ride in a car.

[Adapted from GLENCOE Health A Guide to Wellness]

(1) 文章中の **11** ~ **13** に入る最も適切な語句を、それぞれ①~⑤から 1 つ選びなさい。

11 ① survived ② performed ③ struggled ④ persisted ⑤ destructed

12 ① Providing ② Wherever ③ Whatever ④ As for ⑤ As with

13 ① count ② number ③ supply ④ feature ⑤ pressure

(2) 文章中の **14** に入る 3 つの英文が、下の A から C に順不同で示されている。論理的な文章にするために最も適切な配列を、下の①~⑥から 1 つ選びなさい。

A. As you grew older, you may have developed fear about being hurt in a car accident.

B. For example, fear of playing with matches or playing in the street probably helped keep you safe when you were young.

C. Before you were old enough to reason and to recognize potential danger, someone probably introduced some fears to you to help protect you.

① A—B—C ② B—C—A ③ C—A—B
④ A—C—B ⑤ B—A—C ⑥ C—B—A

(3) 本文の内容から考えて、下の文の **15** に入る最も適切なものを、①~⑥から 1 つ選びなさい。

恐怖を感じたとき、**15**。

- ① 多くの人は危険を察知して保護を求める。
- ② 心臓に行く血液の流れが滞るので、息がしにくくなることもある。
- ③ 緊張をほぐすために映画や劇などの娯楽が最適である。
- ④ 体がさまざまに反応するが、それを自分から求める人もいる。
- ⑤ 車に乗っているとさらに悪化するので、必ずシートベルトをするべきだ。

4 次の **16** , **17** の単語①~⑤から、第一強勢のある母音の発音がほかの 4 つと異なる語を、それぞれ 1 つ選びなさい。

16 ① phenomenon ② photography ③ apology ④ moderate ⑤ stomach

17 ① concentrate ② continental ③ conceptual ④ adventure ⑤ penetrate

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5 次の文章を読み、下の問い (1) ～ (3) に答えなさい。

(ア) We [] nature and function, just as we are not particularly aware of the action of our hearts, brains, or other essential organs. It is not surprising, therefore, that many people (イ) overlook the great influence of speech on the development and functioning of human society.

Wherever human beings live together, they develop a system of talking to each other; even people in the most (ウ) isolated societies use speech. Speech, in fact, is one of the few basic abilities — tool making is another — that set us apart from other animals and are closely connected with our ability to think abstractly.

Why is speech so important? One reason is that the development of human culture is made possible — to a great (エ) extent — by our ability to share experiences, to exchange ideas and to transmit knowledge from one generation to another; in other words, our ability to communicate with others. We can communicate with each other in many ways. The smoke signals of the Apache Indian, the starter's pistol in a 100-yard dash, the sign language used by deaf people, the Morse Code* and various systems of writing are just a few examples of the many different systems of communication that have (オ) evolved to meet special needs. Unquestionably, however, speech is the system that human societies have found, under most circumstances, to be far more efficient, convenient and appropriate than any other.

[Adapted from *The Speech Chain: The Physics and Biology of Spoken Language*]

*注：

Morse Code* モーリス信号

(1) 下線部 (ア) の空欄 [] に入れる①～⑥の語句を並べかえて文を完成させ、[18]、[19]に入る語句を番号で答えなさい。

I _____ [18] _____ [19] _____]

- | | | |
|-------------------------|-----------------------|--------------------|
| ① understand speech and | ② give little thought | ③ take for granted |
| ④ to its | ⑤ to produce and | ⑥ our ability |

(2) 下線部 (イ) ～ (オ) に意味の上で最も近い語句を、それぞれ①～④から1つずつ選びなさい。

[20] (イ) ① view with caution ② watch too carefully ③ pay much attention ④ fail to notice

[21] (ウ) ① crowded ② separated ③ populated ④ neglected

[22] (エ) ① tension ② strength ③ degree ④ property

[23] (オ) ① battled ② charged ③ developed ④ extracted

(3) 次の [24] ～ [27] の英文で、本文の内容と合っている場合は①を、合っていない場合は②を、どちらも言えない場合は③を、それぞれ選びなさい。

[24] We usually do not think about how our internal organs work, but we cannot help thinking about how important speech is to humans.

[25] One thing that seems to distinguish human beings from animals is the ability to make tools.

[26] The failure to efficiently communicate with each other is a reason animals did not develop.

[27] Whether or not speech is considered the most effective and suitable way of communication is still questionable.

6 次の文章を読み、下の問い (1) ～ (3) に答えなさい。

Treating High Cholesterol

High LDL (low-density lipoprotein*) cholesterol, often referred to as "bad cholesterol," is a well-established risk factor for heart disease, and there are proven drug and lifestyle therapies that can lower it up to 60 percent. Low levels of HDL (high-density lipoprotein) cholesterol, often referred to as "good cholesterol," are tied to heart disease

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too, but there isn't yet an [28] drug that raises HDL levels as significantly. That's why the current focus of conventional medical treatment is on reducing LDL.

Lately the [29] of "elevated LDL" has been changing. According to new guidelines, LDL levels once considered optimal are now considered only "near optimal" or even borderline high. In 2004, the National Cholesterol Education Program (NCEP) recommended that people try to keep their LDL level under 100mg/dL – and that those with heart disease or high risk for a heart attack keep it under 70mg/dL. Because of these newer guidelines, many people don't realize that they [30] to have high cholesterol and may need to take steps to lower it.

Like heart disease, high cholesterol is a problem with many causes. So, an integrative approach that aims at lowering LDL but also at bringing down triglycerides*, raising HDL, and reducing risks from other factors such as diabetes* and high blood pressure would not only improve your cholesterol levels but lessen your risks for heart attack or other cardiovascular* problems, too. Changes in diet, exercise, and stress levels may be all you need to lower your cholesterol to healthier levels. [31] such lifestyle changes are what conventional doctors recommend first as well.

According to the NCEP, the first step in the treatment of high cholesterol should always be TLC – therapeutic* lifestyle changes. Studies have shown that people can significantly lower LDL cholesterol and triglycerides and raise HDL cholesterol through such efforts as ending tobacco use and improvements in diet and activity levels. No matter what your level of risk for heart attack or stroke, TLC should be one of your prescriptions.

The recommended TLC measures for lowering cholesterol are a diet low in saturated fat* and high in fiber and cholesterol-lowering plant compounds, physical activity, stopping smoking, and weight management. Although NCEP guidelines don't mention psychological issues like stress, depression, and unfriendliness, these emotions may also affect cholesterol levels and should be addressed as well. These lifestyle measures are like a double punch, protecting you not just from heart disease but from many other chronic health problems as well. Don't consider (ア)them optional: While each kind of TLC may lower LDL or raise HDL by only a small percentage, when they are combined they may be even more powerful than drugs at lowering the risk of heart disease.

[Adapted from Dr. Andrew Weil's Self Healing Guide to Lowering Cholesterol]

*注:

lipoprotein* リポ蛋白 (脂質と蛋白とを含有する複合体または化合物の総称); triglycerides* トリグリセリド; diabetes* 糖尿病;
cardiovascular* 心(臓)血管の; therapeutic* 治療の; saturated fat* 飽和脂肪

(1) 文章中の [28] ~ [31] に入る最も適切な語句を、それぞれ①~⑤から 1 つ選びなさい。

[28] ① approve ② approval ③ approved ④ approving ⑤ approving with

[29] ① number ② term ③ means ④ definition ⑤ substance

[30] ① are now concerning ② are now threatening ③ are now worried
④ are now observed ⑤ are now considered

[31] ① In fact, ② On the other hand, ③ In contrast, ④ Otherwise, ⑤ Whereas,

(2) 下線部 (ア) の them が指しているものは次のうちどれか。下の①~⑤から 1 つ選びなさい。 [32]

① NCEP guidelines ② psychological issues ③ LDL and HDL cholesterol levels
④ TLC measures ⑤ chronic health problems

(3) 次の [33] ~ [36] の英文が、本文中の NCEP guidelines and recommendations の内容と合っている場合は①を、合っていない場合は②をそれぞれ選びなさい。

[33] People who are in danger of a heart attack should probably try to keep the LDL level below 70mg/dL.

[34] Changing your lifestyle rarely helps you lower your cholesterol levels.

[35] Watching what you eat and exercising are considered to be a good way to lower your LDL level.

[36] Psychological issues like stress and emotions are very important factors in lowering people's cholesterol level, so people should try to avoid having a stressful life.

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(4枚のうちの4)