

令和7（2025）年度

前期 一般選抜

英 語

（2月3日 実施）

【注 意 事 項】

1. 試験開始の合図があるまで、この問題冊子を開いてはいけません。
2. 落丁、乱丁または印刷不鮮明の箇所があったら、手を挙げて監督者に知らせてください。
3. 解答用紙は1枚です。解答用紙の指定欄に受験番号を記入してください。
4. 解答は、解答用紙の指定された解答欄に記入してください。また、解答用紙には解答以外何も書いてはいけません。
5. 試験終了後、解答用紙のみ回収します。問題冊子は持ち帰ってください。

[1] 以下の単語のペアで下線部の発音が同じなら○、異なっていれば×を解答欄に記入しなさい。

1. manifest - calculate 2. shield - tighten 3. interrupt - pulse 4. physics - fiber 5. slope - glove

[2] 文中の () 内から最適な語句を選び、解答欄に記入しなさい。

- The 2025 World Expo is (hold, held, holded, be held) on Yumeshima, an artificial island in Osaka.
- January 17, 2025, marked 30 years (since, until, while, through) the Great Hanshin-Awaji Earthquake.
- The Notre Dame Cathedral (that, where, whose, which) roof and tower were destroyed by fire, was rebuilt.
- In Norway, almost 90% of new car (dealers, damages, performances, sales) were electric vehicles last year.
- Shohei Otani's success in baseball (was, has, been, being) given great hope to many Japanese people.

[3] 次の会話を読んで、各々の問いに答えなさい。

Two students are talking at the K.I.T. laboratory.

Yuki: Hi, Rick! Do you know about Mr. Hirotsugu Kimura's great adventure?

Rick: Of course. I watched the news on TV. He set off on a solo sailing around the world! He traveled about 52,000 kilometers alone for 231 days and returned safely on June 8, 2024. ()

Yuki: Yeah. At 24, Mr. Kimura became the youngest Japanese person to do it.

Rick: You know, he succeeded in finishing the ocean tour without making any port calls.

Yuki: What do you mean? Did he have all he needed in that small sailboat for a whole trip?

Rick: Yes! He ate canned food and cereal bars that he had prepared before sailing. Also, he utilized solar power as a sustainable energy source for the small boat, so he did not receive any supplies during his journey.

Yuki: A solo global trip relying only on natural energy—that's amazing! I think his independent sailing style can be a model of eco-friendly travel in the future.

Rick: I agree with you. Why don't we try to make a small solar boat this summer?

Notes: Hirotsugu Kimura ・ ・ 木村啓嗣 sustainable ・ ・ 環境を破壊しない、持続可能な

問1 何についての会話ですか? A) ~ D) の選択肢の中から選び、記号を解答欄に記入しなさい。

- A) The students built a new recyclable boat. B) They talk about their graduation plans.
C) A man achieved his goal of a solo journey. D) How to eat a balanced meal when traveling.

問2 適切な答えを A) ~ D) の選択肢の中から選び、記号を解答欄に記入しなさい。

1. Yuki says that...

- A) the news on TV introduces the sailor's story. B) Mr. Kimura broke the previous record.
C) it's easy to load the necessary food on a boat. D) the challenge produces new natural energy.

2. Insert the correct words into the underlined space () to complete the sentence.

- A) What incredible news! B) I never get excited. C) That sounds strange. D) Did you really do it?

3. Which statement is TRUE ?

- A) After the boats toured the world safely, they returned to Japan without food or fuel.
B) The sailboat is never a burden on the environment as it is powered by oil and nuclear energy.
C) Thanks to supplies provided by people from many countries, the adventurer completed his journey.
D) The two students are excited about Mr. Kimura's solo journey for its uniqueness and originality.

問3 A、B の質問に対する自分自身についての答えを、解答欄に英語で記入しなさい。

- A. When was the first time you made an unforgettable trip? What was it?
B. Which natural energy source do you think is the most useful in Japan? Why do you think so?

[4] () 内の語を並べ替えて英文を完成し、解答欄に記入しなさい。

1. Kurume's new Smart Interchange (built / on / be / will / the) Kyushu Expressway over the next few years.
2. *Miyabi*, (second / *Fugaku* / after / supercomputer / the), has been in normal operation since January 2025.
3. Artificial Intelligence is expected (important / to / an / role / play) as the number of teachers is decreasing.
4. Portugal opened the (for / hanging / world's / longest / bridge) walkers, which is over five football fields long.
5. Just thirty years ago, NASA created the (to / in / technology / potatoes / grow) space as the first vegetable.

[5] 次の英文を読んで、各々の問いに答えなさい。

Nowadays, in Japan, earthquakes are increasing in frequency. More than a year has passed since the Noto Peninsula Earthquake, yet reconstruction in the area has made little progress. Earlier this year, Miyazaki experienced an earthquake with a maximum intensity of "6." When a large earthquake occurs, many houses and buildings collapse. Rescue teams must search for survivors in broken homes and buildings at the risk of secondary disasters such as aftershocks. Furthermore, shattered doorways and window frames are often too small for humans to enter.

Dr. Shigeo Hirose, a leading robotics researcher, took hints from snakes, which freely enter and exit narrow spaces. He wondered why snakes with no hands or legs could move freely and quickly using only their muscles. Dr. Hirose carefully observed live snakes and conducted his research to copy their movements in a robot. Finally, he developed snake-shaped robots that could be useful for earthquakes or other emergencies. Today, engineers have begun to utilize amphibious snake-like robots with cameras set in their heads at accident sites and other places inaccessible to humans.

As you can imagine, developing robots requires time, effort, and expense. It also requires the long-term cooperation of experts and researchers from various fields. However, as natural disasters occur frequently in Japan, preparing for major earthquakes is urgent. Focusing on the development of lifesaving machines such as snake robots will save human lives in the future.

Notes: Noto・・・能登(地名) aftershocks・・・余震 robotics・・・ロボット工学 Shigeo Hirose・・・広瀬茂男
amphibious・・・水陸両用の inaccessible・・・(人間にとって)近づきにくい

問1 下線部を和訳して、解答欄に記入しなさい。

問2 震災による被害についてどのように述べていますか。解答欄に日本語でまとめなさい。

問3 本文で言及されている蛇型ロボットについて、できるだけ詳しく解答欄に日本語でまとめなさい。

問4 次の1～5の英文が本文の内容と一致していればTを、そうでなければFを解答欄に記入しなさい。

1. The frequency of earthquakes in Japan has been increasing recently, so we must prepare for them.
2. After an earthquake, the most important thing for people to do is to escape from the vast sea waves.
3. The sudden movements caused by earthquakes often damage or destroy architectural structures.
4. Snake robots have been developed by imitating the movements of living things - real creatures.
5. Developing disaster robots is futile because it costs so much that researchers can't afford to do it.

2025 年度 (2 月 3 日) 前期一般入学試験

英語 解答用紙

[解答上の注意]

1. 問題用紙は 2 枚ある。
2. 解答はすべて解答用紙に記入すること。
3. 受験番号を解答用紙の所定の場所に記入すること。

[1]

1	2	3	4	5

[2]

1	2	3	4	5

[3]

<p>問 1</p>	<p>問 2</p> <table border="1"> <tr> <td>1</td> <td>2</td> <td>3</td> </tr> <tr> <td></td> <td></td> <td></td> </tr> </table>	1	2	3			
1	2	3					

問 3

A	
B	

[4]

1	Kurume's new Smart Interchange () Kyushu Expressway over the next few years.
2	<i>Miyabi</i> , (), has been in normal operation since January 2025.
3	Artificial Intelligence is expected () as the number of teachers is decreasing.
4	Portugal opened the () walkers, which is over five football fields long.
5	Just thirty years ago, NASA created the () space as the first vegetable.

[5]

問 1

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問 2

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問 3

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問 4

1	2	3	4	5

受験番号	点数