

英 語（２期）

第１問

次の問１～５の定義で表されるものとして最も適切なものを，後の①～④からそれぞれ一つずつ選べ。

問１ the collection, organization, analysis, and interpretation of data

解答番号

- ① geography ② geometry ③ physics ④ statistics

問２ the state of not having sufficient material resources or money

解答番号

- ① poverty ② memory ③ lottery ④ disability

問３ a unit of regional government in Japan which includes towns and cities

解答番号

- ① nation ② prefecture ③ community ④ state

問４ a person who writes music

解答番号

- ① pharmacist ② composer ③ counselor ④ editor

問５ the part of the human body between the upper arm and lower arm (forearm)

解答番号

- ① wrist ② shoulder ③ elbow ④ thumb

第2問

次の問1～4の会話の（ ）に入れるのに最も適切なものを、後の①～④からそれぞれ一つずつ選べ。

問1 X: What time does the next bus arrive?

Y: ()

解答番号

6

- ① It is currently ten fifteen.
- ② It should be no more than three pounds.
- ③ It is one of the great mysteries of life.
- ④ It should be here in about ten minutes.

問2 X: ()

Y: Of course! Would you like anything else?

解答番号

7

- ① Hi. Can I have a coffee and a muffin, please?
- ② Hi. I'm here to interview for the advertised position.
- ③ Hi. There are two dogs tied up outside.
- ④ Hi. These packages were delivered to my house by mistake.

問3 X: Can I borrow this book for a few days?

Y: ()

解答番号

8

- ① Sure. If you like it, we will charge your credit card.
- ② Sure. Make sure to read it while walking.
- ③ Sure. Please be aware all books will disappear in one week.
- ④ Sure. Bring the book and your library card to the front desk.

問 4 X : Excuse me, where can I find some cheese?

Y : ()

解答番号

9

- ① It's in aisle four, next to the milk.
- ② It's growing in the garden, next to the tomatoes.
- ③ It's already in your pocket, with your keys.
- ④ It's plugged in, recharging for the past hour.

第3問

次の英文を読み、問1～4に答えよ。＊印が付されている語(句)には注がある。

There's a growing body of evidence about how widespread microplastics have become – across land, sea and air – and the impact they could be having on human health. Some experts believe we are in the midst of a plastic health (※) .

Microplastics have now been detected throughout the human body – including the blood, lungs, liver and even lower limb joints*. Scientists have found evidence of microplastics in our brains, and further studies have revealed how these microplastics are accumulating and rapidly rising in our brains.

Meanwhile, a recent study in the US state of Oregon found microplastics in 98.9% of seafood samples. i) To give some perspective, it is estimated that the average person can eat, drink or breathe between 78,000 and 211,000 microplastic particles every year.

Microplastics are pieces of plastic debris* under five millimetres in length, explains the US National Ocean Service*. Some – such as microbeads, typically found in cosmetics and toiletry products – are designed to be small, while other plastic gradually breaks down to this size. These tiny particles are often small enough to pass through water filtration systems, and we can then unknowingly ingest* them. Equally, research has shown that such microplastics can be transported in the atmosphere, spreading to even the remotest corners of the Earth.

While the full extent of the environmental and health impacts of microplastics are not yet known, a 2024 study points to the possibility that they can increase the likelihood of heart attack*, stroke* or death. ii) Another links microplastics with inflammation* and noncommunicable diseases*.

Some researchers say we're in the lull* before the storm and that “alarmingly, a turning point is expected in the future, signalling a significant microplastic pollution outbreak if effective measures are not taken to mitigate* it”.

Myers, J., & North, M. (2025, February 19). *Microplastics: Are We Facing a New Health Crisis – and What Can Be Done about it?* World Economic Forum. より（一部改変）

[注] lower limb joint : 下肢の関節 debris : 破片, ゴミ

US National Ocean Service : 米国国立海洋局 ingest : 摂取する

heart attack : 心臓発作 stroke : 脳卒中 inflammation : 炎症

noncommunicable disease : 非伝染性疾患 lull : calm と同義語

mitigate : 軽減する

問1 本文中の空所（ ※ ）に入れるのに最も適切なものを、次の①～④から一つ選べ。

解答番号

10

① campaign

② product

③ crisis

④ mission

問2 本文中の下線部 i) To give some perspective の言い換えとして最も適切なものを、次の①～④から一つ選べ。

解答番号

11

① To get a new viewpoint

② To provide unrelated information

③ As found in the Oregon research

④ As an additional example

問3 本文中の下線部 ii) Another の意味として最も適切なものを、次の①～④から一つ選べ。

解答番号

12

① もう一つの病気

② もう一つの研究

③ もう一つのインパクト

④ もう一つの可能性

問 4 本文の内容と一致するものを，次の①～⑤から二つ選べ。解答は順不同とする。

解答番号

13

 ・

14

- ① 現在は状況が急激に悪化する前の小康状態である，と一部の研究者が訴えている。
- ② 浄水器によってマイクロプラスチックの多くを除去することができる。
- ③ ヒトの脳にマイクロプラスチックが発見されたものの，その量は一定水準で安定している。
- ④ 全てのマイクロプラスチックは5ミリ以下に分解されたものである。
- ⑤ ある研究では採集された魚介類のほとんどにマイクロプラスチックが発見された。

第4問

次のA，Bに答えよ。

A 次の掲示を読み，問1，問2に答えよ。＊印が付されている語(句)には注がある。

The FAST acronym (Face, Arms, Speech, Time) is a test to quickly identify the three most common signs of stroke*.

- **Face weakness:** Can the person smile? Has their mouth or eye drooped*?
- **Arm weakness:** Can the person raise both arms fully and keep them there?
- **Speech problems:** Can the person speak clearly and understand what you say? Is their speech slurred*?
- **Time to call 999:** if you see **any one** of these signs.

Stroke Association. (2023). *Stroke: Signs and symptoms*.
www.stroke.org.uk より (一部改変)

[注] stroke : 脳卒中 droop : 弛む，垂れる slur : 不明瞭に発音する

問1 **Arm weakness** の確認方法として最も適切なものを，次の①～④から一つ選べ。

解答番号

- ① 両腕を交互に挙げ続けることができれば，異常はない。
- ② 両腕を十分に挙げた位置に保持することができれば，異常はない。
- ③ 両腕を交互に挙げて，運動中に痛みがなければ異常はない。
- ④ 両腕を十分に挙げた位置に保持することができれば，異常を認める。

問2 掲示内容について正しいものを，次の①～⑤から二つ選べ。解答は順不同とする。

解答番号 ・

- ① **Speech problems** は病人のスピーチ（発言）のみの異常を指す。
- ② 笑顔が作れず，口や目に弛みがあったら緊急電話をかけるべきである。
- ③ 頭文字である **FAST** を構成する文字の全てが脳卒中の異常を指す。
- ④ **FAST** は脳卒中発生時の症状を速やかに特定するための確認方法である。
- ⑤ 脳卒中のサイン（**Face weakness**，**Arm weakness**，**Speech problems**）の三つが確認できたら緊急電話をかけるべきである。

B 次の英文を読み、問 1～3 に答えよ。＊印が付されている語(句)には注がある。

Wilbur and Orville Wright are the American inventors who made a small engine-powered flying machine. They proved that flight without the aid of gas-filled balloons was possible.

As they grew up, the Wright brothers experimented with mechanical things. Later, the Wright brothers began to design their own flying machine. They used ideas they had developed from earlier experiments with a toy helicopter, kites, the printing machine and bicycles.

By the autumn of 1903, Wilbur and Orville had designed and built an airplane powered by a gasoline engine. The plane had wings 12 meters across. It weighed about 340 kilograms, including the pilot.

On December 17th, 1903, they made the world's first flight in a machine that was (※) and powered by an engine. Orville flew the plane 36 meters. He was in the air for 12 seconds. The two brothers made three more flights that day.

It was almost five years before the Wright brothers became famous. In 1908, Wilbur went to France. He gave demonstration flights at heights of 90 meters. Orville made successful flights in the United States at the time Wilbur was in France. Wilbur and Orville suddenly became world heroes. But the brothers were not seeking fame. They returned to Dayton where they continued to improve their airplanes.

Today, the Wright brothers' first airplane is in the National Air and Space Museum* in Washington, D.C. Visitors to the museum can look at the Wright brothers' small plane. Then they can walk to another area and see space vehicles and a rock collected from the moon. The world has changed a lot since Wilbur and Orville Wright began the modern age of flight over one hundred years ago.

Christiano, M.R., & Russell, J. (2025, March 17) VOA Learning English. より (一部改変)

[注] National Air and Space Museum : 国立航空宇宙博物館 (アメリカ合衆国)

問1 本文中の空所（ ※ ）に入れるのに最も適切なものを，次の①～④から一つ選べ。

解答番号

18

- | | |
|--------------------|---------------------|
| ① heavier than air | ② faster than sound |
| ③ lighter than air | ④ slower than sound |

問2 本文の内容に関し，ライト兄弟に当てはまる内容として最も適切なものを，次の①～④から一つ選べ。

解答番号

19

- ① ライト兄弟の飛行機を忠実に再現したものが博物館で展示されている。
- ② ライト兄弟は自転車関連の実験で得た知識を飛行機の開発に活かした。
- ③ ライト兄弟は有名になるため飛行機の開発を進めた。
- ④ ライト兄弟が開発した飛行機本体の重量は約 340kg であった。

問3 本文の題名として最も適切なものを，次の①～④から一つ選べ。

解答番号

20

- ① Wilbur and Orville Wright: Flight by Remote Control
- ② Wilbur and Orville Wright: Inventing the Airplane in France
- ③ Wilbur and Orville Wright: The First Airplane
- ④ Wilbur and Orville Wright: Small Engines and Moon Rocks