

問2 次の文章を読んで後の問いに答えなさい。

Predictions about the future of technology are usually not very nice. In one of them, humans are fighting (1) a computer which is very smart. In another one, people are brainwashed and working hard while the government is watching them (2). We do not want that kind of future.

(3), Isaac Asimov, an American writer and a scientist, made good predictions back in 1964 about our lives today. His predictions called “Visit to the World’s Fair of 2014” (4) *The New York Times* 50 years ago.

You will see that a lot of his predictions have (5): self-driving cars, video calling, the use of nuclear power, and robots that do various tasks at home. Asimov also thought that in 2014 the world population would be 6.5 billion and the US population would reach 350 million. He came very close.

The world population in 2014 was about 7.2 billion, and ⁽⁶⁾that of the US was 319 million.

He made other predictions which have not come true. For example, (7: 私たちはいつ海底住宅が実現するかを知らない。).

However, many of his predictions that have not become realities are quite possible today, only not yet popular. For example, ⁽⁸⁾he thought that windows would be little more than openings in a wall, as glowing wall panels became more popular. He also (9) the idea of moving sidewalks in shopping areas in town. We already have those at airports. His dream of “large solar-power stations” (10), but finally we are now building them in many places in the world.

1. (1)の空欄にあてはまる前置詞を答えなさい。

(.....)

2. 「ずっと」という意味になるように(2)に適する語を書きなさい。

(.....) (.....) (.....)

3. (3)にあてはまる語句を次のア～エから選び、記号で答えなさい。

ア However イ Because ウ Therefor エ If

4. 「掲載された」という意味になるように(4)に適する語を書きなさい。

(.....) (.....)

5. 「実現した」という意味になるように(5)に適する語を書きなさい。

(.....) (.....)

6. (6)の them の内容を本文中から書き抜きなさい。

(.....)

7. (7)にあてはまる文を以下の日本語を参考にして並び替えなさい。ただし、文頭の語句も小文字となっている。

「私たちはいつ海底住宅が実現するのかを知らない。」

(when / don't / homes / a reality / the sea / know / will / we / become / under).

.....

8. (8)を和訳しなさい。

.....

9. 「思いついた」という意味になるように(9)に適する語を書きなさい。

(.....) (.....) (.....)

10. 「手間取ってきた」という意味になるように(10)に適する語を書きなさい。

(.....) (.....) (.....) (.....)

11. 次の説明に当てはまる語を本文中から探し、書き抜きなさい。

A: All the people who live in a particular area.

【.....】(n.)

B: Statements that says what you think will happen.

【.....】(n.)

問2 次の文章を読んで後の問いに答えなさい。

(1) アシモフ以外にも未来についての予言をした人間はいた。 Another writer, Arthur C. Clarke,

(2) for the year 2014. One example is wireless communications. He said, "We can (3) each other at once anywhere we like. Perhaps only 50 years from now (4) we may be able to carry out our business from a small island just as well as we could from London." Clarke also said that he was not joking when he said, "We may carry out brain surgery in one city on a person in another country." He was right again. Remote surgery 【ア : use】 robots is already 【イ : become】 popular.

Next, let's (5) some of the predictions for the future 【ウ : make】 by the world's top scientists today. (6) They say computer power will double every 18 months. That means in ten years or so, computer parts will be (7) a piece of paper. Computers as we now know them will be 【エ : go】. They will be everywhere but hidden, just like electricity and running water.

Also, in 20 or 30 years, parents may be able to choose their children's eye color, hair color, and such. We will be able to get a test (8) our genes (9) \$100. (10) 医師たちはあなたたちの遺伝子のどれかが悪いかどうかわかるようになり、そしてそれらを私たちが健康を保つために治療するようになるだろう。 Already, "smart mouse" and "strong mouse" genes that can make a mouse with better memory and body power have been found. We know that the human body also has these genes.

Will these predictions come true? It is quite possible if we understand the importance of science. Also, we should learn to use science in good ways. What are good ways? Let's use our imagination.

1. (1)の日本語に合うように、下の単語を並び替えなさい。

Asimov (made / was / future / person / the / predictions / that / about / only / not / the).

.....
.....

2. (2)の空欄について、「ほぼすべての彼の予言を的中させた」という意味になるように、適する語を 7 語で書きなさい。

(.....) for the year 2014

3. (3)の空欄について「～と連絡を取る」という意味になるように 4 語で書きなさい。

(.....)

4. 下線(4)を和訳しなさい。

.....
.....

5. 【ア】～【エ】の動詞を適切な形に直しなさい。

【ア:.....】 【イ:.....】

【ウ:.....】 【エ:.....】

6. (5)の空欄について、「見てみる」という意味になるように 4 語で書きなさい。

(.....)

7. (6) They の内容を日本語で答えなさい。

(.....)

8. (7)の空欄について「同じぐらい安く」という意味になるように 3 語で書きなさい。

(.....)

9. (8)に当てはまる前置詞を書きなさい。

(.....)

10. (9)の空欄について「100ドルより少ない費用で」という意味になるように、下記に適語を書きなさい。

(.....) a (.....) of (.....) (.....) \$100

11. (10)の日本語に合うように、下記の単語を並び替えなさい。

Doctors (your / are / be / to / bad / able / tell / will / any / if / repair / genes
/ healthy / and / keep / them / to / us).

.....
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