

A. 下線部の発音が見出し語のものと同じものを選び、記号で答えなさい。

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|--------------------|-------------|--------------|------------|------------|
| (1) <u>glove</u> | ア. Prove | イ. onion | ウ. toe | エ. solve |
| (2) <u>aside</u> | ア. prisoner | イ. mixture | ウ. limit | エ. sign |
| (3) <u>loose</u> | ア. pause | イ. ease | ウ. goose | エ. lose |
| (4) <u>abroad</u> | ア. road | イ. coat | ウ. course | エ. throat |
| (5) <u>excite</u> | ア. explain | イ. exam | ウ. exactly | エ. example |
| (6) <u>scholar</u> | ア. coach | イ. chemistry | ウ. choose | エ. search |
| (7) <u>allow</u> | ア. throw | イ. grow | ウ. flow | エ. crowd |
| (8) <u>sour</u> | ア. hour | イ. pour | ウ. journey | エ. group |
| (9) <u>tough</u> | ア. ghost | イ. through | ウ. enough | エ. though |
| (10) <u>mouth</u> | ア. southern | イ. tooth | ウ. those | エ. mother |

B. 次の()に入る最も適切な語をそれぞれ1つ選び、記号で答えなさい。

- (1) Since it's my first visit to New York, I'm not very () with the city yet.
ア. popular イ. familiar ウ. famous エ. worried
- (2) A: Let's go bowling. B: I'm sorry, but I don't feel () going out today.
ア. at イ. with ウ. like エ. as
- (3) There is no () what will happen in the future.
ア. know イ. known ウ. knew エ. knowing
- (4) Since the airplane () off from Haneda Airport at 9:30, it will arrive at Hokkaido at 11:00.
ア. got イ. went ウ. took エ. made
- (5) Everybody in my office trusts George because he never () a promise.
ア. keeps イ. believes ウ. does エ. breaks

C. 日本文の意味になるように()内の語(句)を並べかえ、記号で答えなさい。

- (1) 問題は私にはお金の持ち合わせがないことです。
The problem is that (ア. with イ. no ウ. have エ. I オ. money) me.
- (2) ロシアほど大きな国は世界にはない。
No other country in the world (ア. so イ. as ウ. Russia エ. is オ. large).
- (3) 私たちは、文化祭の準備でとても忙しい。
We (ア. for イ. preparing ウ. very エ. are オ. busy) the school festival.
- (4) その赤ん坊は父により、Roy と名づけられました。
The baby (ア. named イ. by ウ. Roy エ. his father オ. was).
- (5) あなたは以前にこの物語を聞いたことがあるかもしれません。
You (ア. before イ. this story ウ. heard エ. may オ. have).

D. 各文の()内に入る適切な語を語群から選び、記号で答えなさい。但し、同じ語は使いません。

- (1) The distance () Tokyo and Osaka is more than 500km.
- (2) A: Excuse me. Can I see the black suit in the shop window?
B: I'm really sorry. That is not () sale.
- (3) The new building is now () construction and will be finished by the end of August.
- (4) He is going to take part () the exchange program.
- (5) I hope Tom can get () his bad cold soon.

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| ア. out |
| イ. for |
| ウ. over |
| エ. between |
| オ. under |
| カ. with |
| キ. in |

E. 次の文を読み、下の問いに答えなさい。

A group headed by Elon Musk has opened a kind of gym for robots, ①[call] OpenAI Gym. Mr. Musk is the boss of the electric car company Tesla Motors and the space travel company, SpaceX. He also founded the online payments website PayPal. His latest project is an open platform for code writers to test their latest work. People are free to test their ideas for artificial intelligence (A.I.) on it. Researchers can test and share their (ア) algorithms for A.I. They are special sets of rules in a computer program that can solve problems and deal with lots of information.

Mr. Musk wrote about ②[free / to make / why / decided / the OpenAI Gym / his team]. He said: "Our goal is to advance digital intelligence in the way that is most likely to benefit humanity as a whole, without the need to generate money." The OpenAI Gym follows the idea of ③[give] rewards for learning – like giving a dog a treat when it learns something new. If an algorithm does well in the gym, it gets a reward. If it fails, it gets no reward. The aim of the gym is to develop an algorithm that can multi-task; (イ) to do many things at the same time, rather than just one thing.

問1 ①、③を適切な形に直しなさい。

問2 下線部(ア)とは何か。その説明にあたる一文を本文中から抜き出し、最初と最後の語を答えなさい。

問3 下線部②を「なぜ彼の研究班(チーム)が OpenAI Gym を無料にする決意をしたか」という意味になるように語句を並べかえなさい。

問4 下線部(イ)の意味を表す語(句)を本文中から抜き出しなさい。

問5 本文の内容と一致するものを2つ選び、記号で答えなさい。

- ア. Elon Musk made a company of robots to generate electricity.
イ. Mr. Musk owned not only the electric company but also the space travel company.
ウ. The aim of the OpenAI Gym is to earn a lot of money by training robots.
エ. The OpenAI Gym is a kind of place for robots where they can learn something new.
オ. When people use the OpenAI Gym, they have to give up using their robots.
カ. Robots can have feeling like human beings if they go to the OpenAI Gym.