

令和7年度

一般選抜（I期）問題

試験日 2月1日

英語

試験開始までに下記の注意事項をよく読んでください。

注意事項

- ① 試験開始の合図があるまで、問題冊子を開いてはいけません。
- ② 開始の合図後、解答用紙に「氏名」、「個人番号」を記入すること。
- ③ 受験票、筆記用具以外は、机の上に置かないこと。
- ④ 受験票は机の上に貼付してある「個人番号」の手前に置くこと。
- ⑤ 記述解答で、字数の指定がある問題では句読点は1字として数えること。
- ⑥ 試験中に問題冊子の印刷不鮮明、ページの落丁・乱丁及び解答用紙の汚れ等に気付いた場合は、手を挙げて監督者に知らせること。
- ⑦ 試験中は退席しないこと。（気分が悪くなった場合は、手を挙げて監督者に知らせること）
- ⑧ 試験終了後、この問題冊子は持ち帰ること。

I. 次の英文を読み、設問（1～9）に答えなさい。

Ants are among the most organized and efficient insects on Earth, known for their complex social structure and teamwork. Each ant colony^{*1} functions as a cooperative community, where individual ants perform specific roles to support the entire community. These roles include searching for food, constructing and maintaining the nest, defending the colony, and caring for the young and the queen.

Depending on their species, ants live in a variety of habitats^{*2}. For example, carpenter ants carve out nests inside wood, including tree trunks and wooden structures, which can sometimes lead to damage in human homes. Field ants build their nests in the soil, creating characteristic small mounds or hills, often in open areas. Leafcutter ants, found primarily in tropical rainforests, cut leaves to carry back to their nests as a food source.

While most ants are harmless to humans, some species can pose risks. Fire ants, for instance, are aggressive and can cause painful stings that can lead to swelling and, in allergic individuals, more severe reactions. Harvester ants, another example, have stings that can be quite painful and are known for their impact on agricultural fields.

Ants are also remarkable for their physical capabilities. Many species can lift and carry objects up to 50 times their own body weight. This powerful strength allows them to transport food, build their nests, and fight off invaders.⁽¹⁾

Communication within ant colonies is complicated, primarily relying on chemical signals known as pheromones^{*3}. These chemical cues help ants find food, warn others of danger, and direct activities within the colony. For example, when an ant finds food, it leaves a pheromone trail on its way back to the colony, guiding other ants to the source.

The queen ant plays a vital role in the colony. She is typically the only ant in the colony that lays eggs and is thus the mother of all other ants in her colony. Worker ants dedicate their lives to protecting and feeding the queen, ensuring she can continue producing the next generation of ants.

Despite their small size, ants demonstrate an extraordinary example of cooperation,⁽²⁾

adaptability, and survival. Their ability to work together and organize into effective colonies has allowed them to survive in almost (ア) ecosystem*⁴ on the planet, making them one of the most successful groups of living creatures on Earth.

(注) colony*¹: 群れ habitat(s)*²: 生息地
pheromone(s)*³: フェロモン ecosystem*⁴: 生態系

設問 1 下線部(1)を、them の内容を明らかにして日本語に訳しなさい。

設問 2 下線部(2) demonstrate と最も近いものを、下の選択肢 (1～4) のうちから一つ選び、番号で答えなさい。

1. show 2. hide 3. create 4. ignore

設問 3 文中の空欄 (ア) に入れるのに最も適切なものを、下の選択肢 (1～4) のうちから一つ選び、番号で答えなさい。

1. every 2. all 3. neither 4. none

設問 4 本文によると、アリがフェロモンを使用する理由は何か? 下の選択肢 (1～4) のうちから一つ選び、番号で答えなさい。

1. to attract mates
2. to build their nests
3. to mark their territory
4. to communicate with each other

設問 5 本文によると、1.5グラムのアリはおよそ何グラムのもを持ち運ぶことができるか? 下の選択肢 (1～4) のうちから一つ選び、番号で答えなさい。

1. 25グラム 2. 50グラム 3. 75グラム 4. 100グラム

設問6 本文中に書かれていないことを、下の選択肢（1～4）のうちから一つ選び、番号で答えなさい。

1. Fire ants can sting painfully.
2. Ants can lift and carry heavy objects.
3. Ants can work together to build bridges.
4. Ants can be found in different environments.

設問7 以下の質問に対する解答として最も適切なものを、下の選択肢（1～4）のうちから一つ選び、番号で答えなさい。

Which of the following types of ants might pose a direct threat to houses made of wood?

- | | |
|--------------------|-------------------|
| 1. harvester ants | 2. field ants |
| 3. leafcutter ants | 4. carpenter ants |

設問8 以下の質問に対する解答として最も適切なものを、下の選択肢（1～4）のうちから一つ選び、番号で答えなさい。

According to the passage, why might the queen ant be called the mother of all other ants?

- | | |
|-------------------------------|----------------------------|
| 1. She feeds all the ants. | 2. She protects the nest. |
| 3. She produces all the eggs. | 4. She is the largest ant. |

設問9 この文章の主題として最も適切なものを、下の選択肢（1～4）のうちから一つ選び、番号で答えなさい。

- | | |
|-----------------------------|-------------------------------|
| 1. Ants damage homes. | 2. Ants have complex roles. |
| 3. Fire ants are dangerous. | 4. Ants use chemical signals. |

II. 次の設問（1～2）に、それぞれ算用数字で答えなさい。

設問 1 An airline allows each adult passenger to bring 2 pieces of carry-on luggage, while each child can bring half that number. How many pieces of luggage can 100 adult passengers and 25 children bring on board in total?

設問 2 Yukiko bought as many 100 yen notebooks as she could with 1,320 yen. How much money did she have left?

Ⅲ. 次の会話文を読み、設問（１～５）に答えなさい。

Sakura : Jing, did you hear about the university festival? Are you planning to participate?

Jing : Yes, I joined a cheer dance group and we're planning to introduce our "Ganbatte" dance.

Sakura : "Ganbatte" dance? Sounds interesting, tell me more!

Jing : It's a dance to motivate students to achieve their dreams.

Sakura : That's really inspiring. Can I join your group? I've been wanting to give cheer₍₁₎ dancing a shot.

Jing : Of course, the group is open to everyone from first to third-year students.

Sakura : That's unfortunate₍₂₎, I'm a senior.

Jing : I forgot you're in your final year. We typically leave out seniors because of their busy schedules. Let me check if we can make an exception for you.

Sakura : (ア)

設問 1. Jing のチームが "Ganbatte" ダンスをやる目的は何か？ 下の選択肢（１～４）のうちから一つ選び、番号で答えなさい。

1. to win a cheerleading award
2. to compete in a dance competition
3. to encourage and cheer up every student
4. to celebrate the university's anniversary

設問 2 Sakura は大学何年生か？ 下の選択肢（１～４）のうちから一つ選び、番号で答えなさい。

1. First Year
2. Second Year
3. Third Year
4. Fourth Year

設問3 下線部(1) give cheer dancing a shot の意味として最も適切なものを、下の選択肢（1～4）のうちから一つ選び、番号で答えなさい。

1. to reject cheer dancing
2. to try cheer dancing
3. to watch cheer dancing
4. to quit cheer dancing

設問4 下線部(2) unfortunate と最も近いものを、下の選択肢（1～4）のうちから一つ選び、番号で答えなさい。

1. lucky
2. regrettable
3. expected
4. forgettable

設問5 空欄（ア）に入れるのに最も適切なものを、下の選択肢（1～4）のうちから一つ選び、番号で答えなさい。

1. Please do.
2. No, you won't.
3. I might be disappointed.
4. I already found another team.

IV. 次の各文の空欄に入れるのに最も適切なものを、それぞれ下の選択肢（1～4）のうちから一つ選び、番号で答えなさい。

A. Prices are getting really high nowadays; I spend () money every time I go shopping.

1. many 2. few 3. a lot of 4. less than

B. Everyone in our class () planning to attend the graduation ceremony.

1. is 2. have 3. are 4. were

C. No one noticed Ms. Smith's () from the meeting.

1. was absent 2. absent 3. was absence 4. absence

D. If it () tomorrow, we will cancel the picnic.

1. rain 2. rains 3. raining 4. rained

E. Artificial Intelligence will play an important part in () future technology.

1. developing 2. develop 3. develops 4. developed

V. 次の日本語の意味を英語で表すのに適切な語を、空欄にそれぞれ一語入れなさい。

1. 昼ご飯をご一緒していいですか？

Do you mind if I () you for lunch?

2. 私はメアリーに故郷はどんなところか尋ねた。

I asked Mary what her hometown was ().

3. ずっと待っていたんだよ。どうして遅れるって言ってくれなかったの？

I've been waiting for hours. How () you didn't tell me that you were going to be late?

4. 私はわずか100円しか持っていなかったのでタクシーに乗れませんでした。

I couldn't take a taxi because I had no () than 100 yen.

5. A：チーズハンバーガーを一つください。

B：ここでお召し上がりですか？ お持ち帰りですか？

A：I would like to have a cheese hamburger, please.

B：For here, or to ()?