

英語 問題

[1] Choose the best way to complete each of the sentences below:

1. There are organizations that work so that our traditions don't die out. This means they work to _____.
 - a. kill our traditions
 - b. tell people to join the organization
 - c. preserve our traditions
 - d. let modern traditions take over

2. If someone comes from a remote land, he or she is from _____.
 - a. your city
 - b. around the corner
 - c. a neighboring country
 - d. someplace far away

3. When you have a sufficient amount of food in your home, you will probably do _____.
 - a. stay home and have dinner
 - b. go to the supermarket
 - c. decide not to eat for a day
 - d. ask friends to bring some food over

4. Which would be a likely prospect for an unpopular political candidate?
It would be that _____.
 - a. he or she will lose the election
 - b. he or she would win the election
 - c. he or she may not like meeting people
 - d. he or she may not be well informed

5. By accelerating your heart rate, you make the blood flow _____.
 - a. more slowly
 - b. normally
 - c. evenly
 - d. faster

6. If a book is tremendous, it means that it is _____.
 - a. excellent
 - b. very scary
 - c. extremely bad
 - d. uninteresting

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[2] Read the passage and answer the questions that follow.

著作権者の許諾を得ていないため、問題文は掲載いたしません。
なお、出典情報は以下の通りです。

[出典情報]

出典：『ACTIVE Skills for Reading:Book 3』より「Mysteries of Memory」

著作者名：John Chapman

出版社名：Thomson Wadsworth

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1. Choose the best words to fill in blanks , , , and in the passage.

a. and	b. but	c. certain
d. characterized	e. confused	f. few
g. so	h. suffered	i. terrible

2. Choose one statement that is **TRUE** according to the passage.

- a. The hippocampus is important for permanent storage of new memories.
- b. Damage to the hippocampus in the brain does not affect memory processing.
- c. Psychological trauma certainly causes problems, but not amnesia.
- d. Usually amnesia is temporary.

3. Choose one statement that is **NOT TRUE** according to the passage.

- a. With just one-third of his hippocampus remaining, a man was able to learn a small amount of information.
- b. Some people have a kind of amnesia in which they remember everything from before a particular brain-damaging incident, but nothing after.
- c. The type of amnesia in which the person can't remember anything from before a particular incident of brain injury is called retrograde amnesia.
- d. Children who have suffered damage due to a lack of oxygen to the brain may not be able to process memories.

4. Choose **T** for True or **F** for False for the statements that follow according to the passage.

- (1) T F The length of amnesia doesn't depend on the severity of the brain injury.
- (2) T F Despite the fact that children who suffered oxygen loss at birth can't remember important information related to their day-to-day lives, they can remember words and facts.
- (3) T F Retrograde amnesia is a loss of the ability to create new memories after the event that caused amnesia, leading to a partial or complete inability to recall the recent past.

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5. Complete the sentences using the words in the box. The words are in *italic and bold* in the passage.

a. <i>mystery</i>	b. <i>storage</i>	c. <i>surgery</i>	d. <i>distressing</i>
e. <i>witnessing</i>	f. <i>specialists</i>	g. <i>arrest</i>	h. <i>guidance</i>

- (1) As mature as today's teens may be in some ways, they still need adult _____ to keep them safe and help them avoid mistakes.
- (2) Sometimes people who leave the country for a period of time will put their furniture in _____ so that they can get it when they return.
- (3) Now there are many medicines available that will _____ the progress of a number of diseases. Years ago, there was no way to fight these same diseases.
- (4) If you have a question about what to do with your savings, there are many _____ in financial management who could give you good advice.
- (5) After receiving the _____ phone call from her sick friend, she went to the hospital right away to be with her.

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[3] Read the passage and answer the questions that follow.

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なお、出典情報は以下の通りです。

[出典情報]

出典：『ACTIVE Skills for Reading:Book 3』より「Animal Camouflage」

著作者名：John Chapman

出版社名：Thomson Wadsworth

英語 問題

1. Choose the best words to fill in blanks , , , and in the passage.

a. age	b. alter	c. cleanup	d. endangering
e. environment	f. keep	g. makeup	h. protecting

2. Choose one statement that is **TRUE** according to the passage.

- a. Many animals avoid sleeping so that they can eat.
- b. Some animals rely on patterns to protect themselves.
- c. One snake has a pattern on its skin that resembles that of its attackers.
- d. In spite of camouflage, all animals still have to use their teeth and claws as weapons

3. Choose one statement that is **NOT TRUE** according to the passage.

- a. A common way for many animals to protect themselves is by blending in with their surroundings.
- b. Some animals can change their own color.
- c. Animals that change colors do so in reaction to certain foods that they eat.
- d. In the summer, the color of the Arctic fox's fur matches with the dirt.

4. Choose T for True or F for False for the statements that follow according to the passage.

- (1) T F There is a kind of insect that protects itself by looking like a stick.
- (2) T F If an animal is successful in hiding itself, then maybe its prey will go to it, rather than the reverse.
- (3) T F Animals don't use their body to fight their predators because it is high risk to them.

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5. Complete the sentences using the words in the box. The words are in *italic and bold* in the passage.

a. adopt	b. prey	c. surroundings	d. blend in
e. feathers	f. layers	g. scares	h. appearance

- (1) Hawks have such incredible vision so that they can spot their _____ from high above the earth, and then quickly fly in to attack.
- (2) Peacocks are perhaps the birds best known for their incredibly colorful _____, which the males fan out to attract females.
- (3) The Arctic fox is one animal that changes color according to its _____: in the winter it's white like snow, while in the summer it's dark like soil.
- (4) If you wanted to _____ with the morning commuters on the train, all you would need to do is wear a grey suit, white shirt, and read the newspaper.
- (5) Botanists have tried experiments in transplanting plants from one region to another, but often the plants are unable to _____, and they die.

End of the exam

2022年度 人間環境学部 自己推薦入学試験
2022年度 人間環境学部 国際バカロレア利用自己推薦入学試験

小論文 問題

[問題1]、[問題2]のうち、どちらかを選択して解答しなさい。

解答した問題は、解答用紙の問題選択欄に○で囲むこと。

[問題1]

日本では現在、「国」、「自治体」、「事業者」、「消費者」の各主体が、個別にまたは相互に連携しながら、食品ロス削減に取り組んでいる。このような状況を踏まえ、1～2ページに書かれている以下の資料をもとに、日本で今後必要と考えられる食品ロス削減対策についてあなたの考えを述べなさい。なお、解答にあたっては、「国」、「自治体」、「事業者」、「消費者」のうち1つを選択し、その選択した主体が取り組むべき食品ロス削減対策について述べること。

著作権者の許諾を得ていないため、問題文は掲載いたしません。
なお、出典情報は以下の通りです。

[出典情報]

出典：『読売新聞』（2020年3月25日朝刊8ページ）より
「WATCHERS 食品ロス 貧困招き 社会に損失」

著作者名：中島 幸平

出版社名：読売新聞社

2022年度 人間環境学部 自己推薦入学試験
2022年度 人間環境学部 国際バカロレア利用自己推薦入学試験

小論文 問題

【問題2】以下の文章は、新型コロナウイルス感染症の数理モデルに関する新聞記事である。これを読み、後の問いに答えなさい。

著作権者の許諾を得ていないため、問題文は掲載いたしません。
なお、出典情報は以下の通りです。

[出典情報]

出典：『日本経済新聞』（2020年8月3日朝刊9ページ）より
「コロナ時代の感染症学（上） 患者数予測精度に限界
数理モデル未熟な活用 データ不足、改良これから」

著作者名：岩井 淳哉

出版社名：日本経済新聞社

問1 下線(1)の「批判が強まった」理由を述べなさい。またその批判は正当であるか不当であるか論じなさい。

問2 下線(2)に示す「誤差や限界などを含む数理モデル」の他の例として、地球温暖化を予測する数理モデルがある。IPCC第6次評価報告書によると、世界平均気温は2100年までに工業化前と比べて最大で4.4℃、最低でも1.4℃上昇すると予測されている。これは数理モデルを用いた予測である。新型コロナウイルス感染症と地球温暖化の事例を比較しながら、数理モデルを「うまく使いこなす」ためにはどのようにするとよいか論じなさい。ただし数理モデルの改良は当然の方法のため、論点から外しなさい。