

第13講 自然・科学技術(3)



演習問題 A

次の英文を読んで、あとの問いに答えなさい。(目安時間 10分)

(明治大・一部略)

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著作権者への配慮から、掲載を差し控えております。
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- (1) 次の問い 1, 2 の答えとして最も適切なものを, ア~エから 1 つずつ選びなさい。
1. Which of the following sentences best expresses the essential information in the underlined sentence in paragraph 2?
 ア. After a while, Nakatsu understood that a kingfisher's beak imitated the Shinkansen's nose.
 イ. The ideal shape of a kingfisher's beak should be repeated through experiments.
 ウ. Through research, Nakatsu determined that the Shinkansen's nose should resemble the beak of a kingfisher.
 エ. Despite his experiments, Nakatsu understood that the nose cone should be based on the shape of a kingfisher's beak. ()
2. Why does the author mention Kagome Co.?
 ア. To give an example of a company that benefits from nature.
 イ. To illustrate the importance of fruits and vegetables.
 ウ. To explain a method for cultivating honeybees.
 エ. To show the difference between pollination and production. ()
- (2) 本文の内容に照らし, 以下の英文を完成するために最も適切なものを, ア~エから 1 つずつ選びなさい。
1. The purpose of a pantograph is to
 ア. produce electricity for the train to go fast.
 イ. take power from the rails to the wheels.
 ウ. reduce the noise created by air resistance.
 エ. deliver electrical current to power the train. ()
2. Small wind power generation propellers will be useful because
 ア. they can be used in normal everyday locations.
 イ. they can turn by using very little electricity.
 ウ. they can imitate the flight of dragonflies.
 エ. they can generate more power than nuclear plants. ()
3. Ishida uses the term "gold mine" to indicate that
 ア. nature can give us many ideas.
 イ. animals are a good source of energy.
 ウ. a lot of money can be made from wildlife.
 エ. the natural world is very logical. ()
4. At a place near Wakayama, bumblebees
 ア. help keep tomatoes free from disease.
 イ. are being pollinated in large glass greenhouses.
 ウ. help naturally promote the growth of tomatoes.
 エ. make a buzzing noise that helps pollinate tomatoes. ()