

I Read the text and answer the questions below.

この部分に記載されている文章については、
著作権上の問題から公開することができません。

【出典（一部改変）：<http://blogs.discovermagazine.com/>】

Choose the word or phrase that is closest in meaning to ①–⑤.

- | | | | |
|--------------------|------------------|------------------|------------------|
| ① A. searcher | B. prison | C. disappearance | D. crime |
| ② A. assistant | B. contact list | C. sponsor | D. power adapter |
| ③ A. fed | B. loaded | C. switched | D. trained |
| ④ A. automatically | B. intelligently | C. carefully | D. fully |
| ⑤ A. police | B. helpers | C. doctors | D. educators |

2.

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【出典（一部改変）：<https://www.economist.com/>】

Choose the most appropriate phrase to fill in ①-⑤. Use each phrase only once.

- A. prepare for a return of American astronauts to the moon
- B. lift satellites and carry tourists on "slingshot" trips around the moon
- C. reflects the calmer situation between superpower competition on Earth
- D. were a front in the cold war between two competing ideologies
- E. how rich some people have become

3.

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【出典（一部改変）：<https://www.independent.co.uk/>】

Choose the most appropriate phrase to fill in ①-⑤. Use each phrase only once.

- A. using a technique that could help us
- B. to learn what kind of planets have large envelopes
- C. working out what
- D. allowing it to spot planets with
- E. named WASP-107b and found 200 light years away

II 日本語の意味に合うように、空欄を英語で埋めなさい。

1. 月曜になってようやく小包が届いた。
It () that the package arrived.
2. この問題は詳細に論じる価値がある。
This issue () in detail.

III 下線部①②を日本語に訳しなさい。

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【出典(一部改変) : <http://www.sciencejournalforkids.org/>】

IV Read the text and answer the questions below.

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【出典（一部改変）：<https://www.nytimes.com/>】

*gene 遺伝子

*anthropologist 人類学者

*spleen 脾臓

*contract 縮める

1. Choose the word or phrase that is closest in meaning to ①-⑤.

- ① A. more fully explore
B. discover
C. develop into
D. never give up

- ② A. destruction
B. damage
C. change
D. news

- ③ A. found a home
B. swam
C. evolved
D. earned money

- ④ A. believable
B. unlikely
C. necessary
D. safe

- ⑤ A. explain
B. understand
C. relate
D. communicate

2. Choose the best answer for the questions below.

(1) Why can people in northern Europe drink milk without any digestive problems?

- A. They learned how to do it through experience.
B. They drank milk less frequently.
C. Their genes changed over time.
D. The type of cow in Europe was different.

- (2) Which number best describes the population of the Bajau?
- A. 5,000
 - B. 50,000
 - C. 500,000
 - D. 5,000,000
- (3) Which part of their bodies do the Bajau protect with equipment when they dive?
- A. eyes
 - B. hands
 - C. legs
 - D. spleen
- (4) Which statement is true?
- A. All of the Bajau are divers.
 - B. Indonesia turned into islands at the end of the Ice Age.
 - C. Dr. Ilardo does not want to go back to Sulawesi.
 - D. The Russian scientists' discovery disagreed with Dr. Ilardo's research.
- (5) Which of the following does NOT occur when people dive into water?
- A. More blood gets sent to important organs in the body.
 - B. The spleen gets bigger.
 - C. More oxygen-rich red blood cells move through the body.
 - D. The rate of beating of the heart slows down.