

1. 次の英文を読み、それに続く設問 A-1 から A-5 までに答えなさい。解答は、それぞれの設問に続く選択肢 1. から 3. までの中から答えとして最も適切なものを一つずつ選び、その番号のマーク欄を塗りつぶしなさい。

Just as the first storms of winter roll in, Dutchman Johan Huibers has finished his 20-year mission to build a full-scale, working model of Noah's Ark. Huibers, a Christian, used the original instructions God gives Noah in the Bible down to the last cubit. Translating to modern measurements, Huibers came up with a vessel that works out to a huge 130 meters long, 29 meters across and 23 meters high. Perhaps not big enough to fit every species on Earth, two by two, as described in the Bible, but still plenty of space.

Johan's Ark towers across the flat Dutch landscape and is easily visible from a nearby highway where it lies moored in the city of Dordrecht, just south of Rotterdam. Gazing across the ark's main hold, visitors can look out upon a display of stuffed and plastic animals, such as buffalo, zebra, gorillas, lions, tigers, bears, you name it. Elsewhere on the ark is a petting zoo with actual live animals that are less dangerous or easier to care for — such as ponies, dogs, sheep and rabbits. Johan's Ark also contains a restaurant on the top level and a movie theater capable of seating 50 people. Around the edges of each level of the craft are displays on ancient Middle Eastern history and dress, scenes from the life of Noah, and games for kids.

For Huibers, a builder by trade, it all began with a nightmare he had in 1992. In his dream, the low-lying Netherlands was flooded, as it has been many times throughout history. Huibers thinks that new floods are possible, not least due to global warming. However, he's not worried the whole Earth will ever be flooded again.

"I had a call from American television," he says, laughing. "This has nothing to do with the end of the Mayan calendar," Huibers said. He said his motivation is ultimately religious, though. He wants to make people think what their purpose is on Earth. "I want to make people question that so that they go looking for answers," and ultimately find salvation through God and eternal life, he said.

Huibers says he's considering where to take the floating attraction next, including European ports or even across the Atlantic — though the latter would require transport aboard an even bigger ship.

<注> Noah's Ark ノアの方舟<sup>ほこぶね</sup> cubit キュービット、腕尺(古代の長さの単位; ひじから中指の先端までの長さ)  
stuff 剥製にする the Mayan calendar マヤ暦

(設問)

**A-1** What does the article say about the area in which Johan Huibers has moored his ark?

1. It is a very hot and dry place.
2. It is a region with plenty of space and wild animals.
3. It is an area without hills or mountains.

**A-2** What living animals can be found on Johan's Ark?

1. There are some large, dangerous animals, such as lions and tigers.
2. All the animals are actually made of plastic.
3. The animals are domestic animals that are easy to care for.

**A-3** What is Johan Huibers's usual occupation?

1. He is a farmer.
2. He is a builder.
3. He works mainly as a sailor.

**A-4** How did Johan Huibers get the idea to build an ark?

1. The idea came to him after he had a bad dream about a flood.
2. He was first asked to build the ark for an American television program.
3. He decided to build the ark after his hometown was flooded in 1992.

**A-5** What is Johan Huibers's main purpose in building the ark?

1. He wants to warn people of the dangers of global warming.
2. He aims to make a lot of money from tourists visiting the restaurant and movie theater.
3. He hopes that visitors to his ark will come to think more seriously about God.

2. 次の英文 A-6 から A-9 までは、海上移動業務に関する国際文書の規定の趣旨に沿って述べたものである。この英文を読み、それに続く設問に答えなさい。解答は、それぞれの設問に続く選択肢 1. から 3. までの中から答えとして最も適切なものを一つずつ選び、その番号のマーク欄を塗りつぶしなさい。

**A-6** While the station is open, the radio operator on watch should send a traffic report when entering and on leaving the service area of a coast station from which general communications might be expected, and transmit reports to ship reporting systems in accordance with the instructions of the master.

(設問) What must a radio operator on watch do when entering or leaving the service area of a coast station?

1. On entering or leaving the service area of a coast station, the radio operator on watch should send only general communications.
2. The radio operator on watch is required to send a traffic report and other appropriate reports to ship reporting systems.
3. The radio operator on watch needs to send instructions to the coast station at the time of entering or leaving the service area of a coast station.

**A-7** Every ship shall carry personnel qualified for distress and safety radiocommunication purposes to the satisfaction of the Administration. The personnel shall be holders of certificates specified in the Radio Regulations as appropriate, any one of whom shall be designated to have primary responsibility for radiocommunications during distress incidents.

(設問) Which of the following is required of every ship?

1. Every ship must carry the certificates not specified in the Radio Regulations while at sea.
2. Every ship must have suitably qualified personnel for distress and safety radiocommunication purposes.
3. Every ship must have satisfactory personnel from the Administration on board at all times.

**A-8** A record shall be kept, to the satisfaction of the Administration and as required by the Radio Regulations, of all incidents connected with the radiocommunication service which appear to be of importance to safety of life at sea.

(設問) What kinds of incident connected with the radiocommunication service must be recorded?

1. Incidents that may affect the safety of life at sea must be recorded.
2. All minor incidents must be recorded.
3. It is a requirement that all incidents connected with the radiocommunication service must be recorded.

**A-9** In passenger ships, information on the ship's position shall be continuously and automatically provided to all relevant radiocommunication equipment to be included in the initial distress alert when the button, or buttons, on the distress panel is pressed.

(設問) What information do passenger ships need to provide to all relevant radiocommunication equipment to be included in the initial distress alert?

1. Information about all the passengers on board the ship at the time of the distress alert.
2. Information concerning the position of the button, or buttons, on the distress panel.
3. Information on the location of the ship.

3. 次の設問 B-1 の日本文に対応する英訳文の空欄 (ア) から (オ) までに入る最も適切な語句を、その設問に続く選択肢 1. から 10. までの中からそれぞれ一つずつ選びなさい。解答は、選んだ選択肢の番号のマーク欄を塗りつぶしなさい。

(設問)

- B-1 夏の省エネルギーの手法として、植物を利用したいわゆる緑のカーテンが最近人気を博している。緑のカーテンは、直射日光を遮るだけでなく、蒸発作用によって熱が奪われるので、周辺の気温を下げる。

The use of plants, the ( ア ) green curtain, has recently become very ( イ ) as a way ( ウ ) save energy in summer. Green curtains don't only ( エ ) direct sunlight but can also lower the temperature by ( オ ) heat through evaporation.

- |              |              |             |
|--------------|--------------|-------------|
| 1. as it was | 2. block     | 3. miss     |
| 4. popular   | 5. practical | 6. removing |
| 7. replacing | 8. so-called | 9. to       |
| 10. with     |              |             |

4. 次の設問 B-2 の日本文に対応する英訳文の空欄 (ア) から (オ) までに入る最も適切な語句を、その設問に続く選択肢 1. から 10. までの中からそれぞれ一つずつ選びなさい。解答は、選んだ選択肢の番号のマーク欄を塗りつぶしなさい。

(設問)

- B-2 アメリカのロングビーチに漂着した長さ 6 メートルの漁船は、2011 年 3 月 11 日に岩手県を襲った津波から、2 年間太平洋を漂流していた。一人の地元の人が、船内で 5 匹の生きた魚を発見した。ある専門家は「もし、この魚がふ化後 2 年であれば、日本から運ばれてきたに違いない。」と言った。

A 6-meter fishing boat that washed up on Long Beach in America ( ア ) across the Pacific Ocean for two years ( イ ) the tsunami which ( ウ ) Iwate Prefecture on March 11, 2011. A person there discovered five ( エ ) fish inside. An expert said that they must be ( オ ) Japan if they are two years old.

- |           |                |               |
|-----------|----------------|---------------|
| 1. after  | 2. by          | 3. destroyed  |
| 4. from   | 5. had drifted | 6. had sailed |
| 7. hit    | 8. live        | 9. livelihood |
| 10. while |                |               |

5. 次の設問 B-3 の日本文に対応する英訳文の空欄 (ア) から (オ) までに入る最も適切な語句を、その設問に続く選択肢 1. から 10. までの中からそれぞれ一つずつ選びなさい。解答は、選んだ選択肢の番号のマーク欄を塗りつぶしなさい。

(設問)

- B-3 無線電話で方位を要求する航空機局は、その呼出符号を反復して送信を終わらせなければならない。送信が短すぎて方向探知局が方位を得られない場合は、航空機は更に長い約 10 秒間の送信を 2 回行うか、又はその代わりに方向探知局が要求する他の信号を送らなければならない。

In radiotelephony, an aircraft station which ( ア ) a bearing shall end the transmission by ( イ ) its call sign. If the transmission has been ( ウ ) short ( エ ) the direction-finding station to obtain a bearing, the aircraft shall give a longer transmission for two periods of approximately ten seconds, or alternatively provide such other signals ( オ ) may be requested by the direction-finding station.

- |             |               |              |
|-------------|---------------|--------------|
| 1. as       | 2. calls      | 3. for       |
| 4. of       | 5. reflecting | 6. repeating |
| 7. requests | 8. to         | 9. too       |
| 10. this    |               |              |