

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一つずつ選び、その番号のマーク欄を塗りつぶしなさい。

Space pioneers hope to give a new meaning to island-hopping. A plan to launch tourists from the sand to the stars could make Hawaii the starting point for tourists traveling to space.

Planners foresee planes taking off in one place, traveling through space, then landing in another, going from the "Big Island" of Hawaii to Oahu. Within a decade, space travelers could fly from Hawaii to Japan in 45 minutes. Promoters promise a unique experience during the flight. "Flying down the Hawaii island chain, it's a completely different view of the planet than you'll see when you launch from the landlocked states," said Chuck Lauer, vice president of business development for Oklahoma City-based Rocketplane Global. "It's the blue planet view of the world."

Hawaii's tourism leaders recognize the potential for attracting visitors with the promise of space travel. However, it is unclear whether the governor can find the necessary money. The state of Hawaii is now facing serious budget problems and possible government employee layoffs.

If the plan goes ahead, tourists would pay \$200,000 for a weeklong package. The package would include spaceflight training, resort accommodations and short test flights to simulate weightlessness. At the vacation's finale, five voyagers would embark on a horizontal takeoff aboard a special rocket plane, climb to 12,200 meters, coast for a few minutes of weightlessness 100 km above the Earth and then return to ground.

The process of getting a spaceport license will take about three years, meaning space flights would not start earlier than 2012. Hawaii would use existing runways on Oahu and the Big Island for its space program. Several space tourism companies have shown interest in coming to Hawaii. Studies by those businesses indicate they could turn a tidy profit if the Hawaii market opens.

<注> embark 搭乗する tidy (金銭的に) かなりの

(設問)

A-1 What is the main purpose of the planned flights?

1. To make travel between Hawaii and Japan easier.
2. To make traveling between islands less expensive.
3. To develop space tourism.

A-2 What does Chuck Lauer say is unique about the flights from Hawaii?

1. Hawaii is convenient for Japanese tourists.
2. The view from Hawaii is very different to other parts of the U.S.
3. It is much cheaper to fly from Hawaii than from other places.

A-3 What does the article say is a major problem for the planners?

1. The state of Hawaii is experiencing money difficulties.
2. Hawaii is no longer popular with tourists.
3. The package may be too expensive for visitors.

A-4 Which of the following is NOT included in the price of the package?

1. Spaceflight training.
2. A weeklong flight into space.
3. A resort hotel in Hawaii.

A-5 When is the earliest time space flights could start from Hawaii?

1. Flights will start as soon as the new runways are built.
2. Not for at least three years, because a license is necessary.
3. Flights into space are likely to start before 2012.

2. 次の英文 A-6 から A-9 までは、航空通信に関する国際文書の規定文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 The air-ground control radio station shall designate the frequency (ies) to be used under normal conditions by aircraft stations operating under its control.

(設問) What shall the air-ground control radio station do for the aircraft stations under its control?

1. It shall designate the frequency(ies) they should use under normal conditions.
2. It shall designate the frequency(ies) they should use in urgent conditions.
3. It shall designate the frequency bands they should use under normal conditions.

A-7 The inspectors of governments or appropriate administrations of countries who visit an aircraft station or aircraft earth station may require the production of the license for examination. The operator of the station, or the person responsible for the station, shall facilitate this examination.

(設問) What can the inspectors require an aircraft station to show?

1. They can require it to show the ID of the station operator.
2. They can require it to show where the radio facilities are installed.
3. They can require it to show the license of the station.

A-8 An aircraft station which has transferred communications watch from one radio frequency to another shall, when so required by the appropriate ATS Authority, inform the aeronautical station concerned that communications watch has been established on the new frequency.

(設問) What information does an aircraft station need to give an aeronautical station after transferring communications watch to a new frequency if so required by the appropriate ATS?

1. That communications watch has been established on the new frequency.
2. It must inform the aeronautical station concerned of its intention to transfer between frequencies.
3. The aircraft station needs to confirm the frequency of the appropriate ATS Authority.

A-9 The service of every aircraft station and every aircraft earth station shall be controlled by an operator holding a certificate issued or recognized by the government to which the station is subject. Provided the station is so controlled, other persons besides the holder of the certificate may use the radiotelephone equipment.

(設問) In which situations may a person who does not have the operator's certificate use radiotelephone equipment?

1. In cases where the government to which the station is subject recognizes the uncertified person.
2. When the station is under the control of a person holding the appropriate certificate.
3. In situations where the person who does not have the operator's certificate owns the radiotelephone equipment.

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 9 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 環境や健康に対する意識の高まりと共に、有機野菜に人気が集まっている。化学肥料や農薬の使用を避けて栽培されるこの野菜は、健康に良いだけでなく環境にもやさしい。

Together with (ア) awareness about the environment and health, (イ) vegetables are also enjoying growing popularity. Vegetables (ウ) without the use of chemical fertilizers or pesticides are not only good (エ) the health but also (オ) to the environment.

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|--------------|---------------|--------------|
| 1. at | 2. cultivated | 3. dangerous |
| 4. for | 5. kind | 6. organic |
| 7. organized | 8. rising | 9. speeding |

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 9 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 日本で 98 番目の空港として茨城空港が今年の3月に開港し、営業を開始した。しかし、景気後退のため、多くの地方空港で客離れが進んでいると報道されている。人々は、この新しい空港の将来に大きな関心を寄せている。

Ibaraki Airport opened and started services (ア) Japan's 98th airport in March this year. In the general economic (イ), however, we are (ウ) reports of passenger numbers (エ) at many regional airports. People are concerned (オ) how this new airport will do.

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|------------|-------------|-------------|
| 1. about | 2. as | 3. falling |
| 4. hearing | 5. shutdown | 6. slowdown |
| 7. telling | 8. to | 9. with |

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 9 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 緊急通信は、遭難以外のすべての他の通信に優先させなければならない。すべての局は、緊急通報の送信を干渉しないように注意しなければならない。

The urgency communications have (ア) over all other communications, (イ) distress, and all stations shall (ウ) not to interfere (エ) the transmission of urgency (オ).

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|-------------|----------------|--------------|
| 1. except | 2. inferiority | 3. on |
| 4. priority | 5. take care | 6. take over |
| 7. traffic | 8. with | 9. without |