

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。

A U.S. Air Force plane air-dropped vital engine parts Sunday to a disabled British fishing trawler threatened by pack ice for the past two weeks in the Ross Sea off Antarctica's northern coast. The trawler suffered engine failure on Dec. 23, leaving the disabled ship and its 25 crew members surrounded by pack ice.

The plane dropped the engine parts from about 120 meters above the Ross Sea ice early Sunday, according to the commander of the U.S. Antarctic base supply group. The U.S. flight crew dropped the parts just after midnight while traveling at an airspeed of 220 kph. The area has 24-hour daylight at the height of the Southern Hemisphere summer.

Engine repairs were expected to take 12 hours and should enable the trawler to sail back to the southern New Zealand city of Christchurch, the commander said. The overnight airdrop came after two unsuccessful attempts to drop the parts to the vessel.

The commander told New Zealand's National Radio that ocean currents were moving the trawler deep into pack ice toward the Antarctic coast and the vessel would have become trapped if it had remained disabled for much longer.

(注) vital きわめて重要な(不可欠な) disabled 操船不能になった pack ice 浮氷群 trawler トロール船  
the height of summer 真夏 the Southern Hemisphere 南半球

(設問)

A-1 Why did the trawler become surrounded by pack ice off Antarctica's northern coast?

1. Because the ship wasn't careful about the ice.
2. Because the ship couldn't move under its own power.
3. Because the ship didn't notice as the ice pack began to surround the ship.

A-2 How were the engine parts brought to the ship?

1. The plane dropped the parts as it passed over the trawler.
2. The engine parts were dropped from the plane by accident.
3. The plane hovered above the trawler and dropped the parts.

A-3 Was the drop successful?

1. Yes, but only at the third try.
2. Yes, the plane made three successful drops in daylight.
3. No, not at all. The darkness made the dropping too difficult.

A-4 How long did it take to repair the engine?

1. It took just 12 hours.
2. It took about two weeks.
3. It's not clear. There is not enough information to say.

A-5 What did the commander tell New Zealand's National Radio?

1. The engine would fail if the ship became trapped in pack ice.
2. The ship would be caught in pack ice if it stayed without engine power for too long.
3. The ship would drift into pack ice with the ocean currents even if the engine was repaired.

2. 次の英文 A-6 から A-9 までは、海上移動業務で守らなければならない事項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、それに続く設間に答えなさい。解答は、それぞれの設間に続く選択肢 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 All stations on ships making international voyages should, if required by their service, be able to use the intership carrier frequencies 2,635 kHz and 2,638 kHz.

(注) intership 船間の

(設問) Which of the following sentences is true?

1. All stations on such ships should use both of the frequencies at the same time.
2. All stations on such ships should be able to require service using both of the frequencies.
3. All stations on such ships need to be able to use both of the frequencies when required by their service.

A-7 Coast stations employing class J3E or J2D emissions in accordance with No. 52.217 in the bands between 4,000 kHz and 27,500 kHz shall use the minimum power necessary to cover their service area and shall at no time use a peak envelope power in excess of 10 kW per channel.

(注) employ 使用する peak envelope power 尖頭包絡線電力 excess 超過

(設問) What power shall these coast stations use?

1. These coast stations shall use the peak envelope power of 10 kW per channel in all cases.
2. These coast stations shall use a peak envelope power of within 10 kW per channel for their service.
3. These coast stations shall use a peak envelope power of more than 10 kW per channel when it is necessary for their service.

A-8 Coast stations whose service is not continuous shall not close before making a general call to all stations announcing the closing down of the service and advising the time of reopening, if other than their normal hours of service.

(設問) Which coast stations with non-continuous service must take the actions described in this rule?

1. All coast stations which are going to close or reopen their service.
2. Coast stations that will close and reopen their service at the normal time.
3. Coast stations that will not close or reopen their service at the normal time.

A-9 The distress call shall not be addressed to a particular station and acknowledgement of receipt shall not be given before the distress message which follows it is sent.

(設問) When should you send the acknowledgement of receipt?

1. After you have received the distress message.
2. Before the distress call.
3. Between the distress call and the distress message.

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、その設間に続く選択肢 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 地球の大気の中には、今後数十年間に海面が数メートル上昇し、北極から夏季の氷が消滅することを確実にする十分な炭酸ガスが既にある。

(注) carbon dioxide 炭酸ガス

There is (ア) enough carbon dioxide in the Earth's atmosphere to (イ) that sea levels will (ウ) by (エ) meters in the coming decades and summertime ice will (オ) from the North Pole.

1. above	2. already	3. disappear	4. ensure	5. lost
6. rise	7. several	8. some of	9. still	

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、その設間に続く選択肢 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 本船は、乗組員が病気なので、急いで清水港に向かっています。彼は高熱でベッドに寝ています。

Our vessel is (ア) for the port of Shimizu in a (イ)(ウ) we have a sick crew member onboard. He (エ) in bed (オ) a high fever.

1. because	2. had	3. heading	4. hurry	5. is
6. quickly	7. reason	8. slept	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、その設間に続く選択肢 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 航行警報信号は、無線電話による重大な航行警報の前に、海岸局が 15 秒間送信するものとする。

The navigational warning signal should be (ア)(イ) coast stations (ウ) a (エ) of 15 seconds (オ) important navigational warnings on radiotelephony.

1. before	2. between	3. by	4. for	5. in front
6. period	7. quarter	8. sending	9. transmitted	