

XRA 903
YRA 903
ZRA 903

第一級海上無線通信士
第二級海上無線通信士
第三級海上無線通信士

「英語」試験問題

5問 1時間30分

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。

The pieces of bone are so small that they can fit into a matchbox. Despite their size, however, they belong to a fearsome sea predator considered the Tyrannosaurus rex of the oceans. In the basement of the Oslo Paleontology Museum, a team of researchers is hoping to piece together the first entire skeleton of a pliosaur. The pliosaur is a reptile that swam the oceans 150 million years ago. It was so big it could swallow a grown man in a single gulp.

Bits of pliosaur fossils have been found in the past but the latest find may be special. “It looks like the most complete one. We won’t know for sure until we excavate it, but it looks very promising,” says Joern Hurum, an assistant professor at the University of Oslo, who led the Norwegian research team.

It is in tiny pieces but considered to be in good shape. “The Monster,” as the team has named the fossil, measured about 10 meters in length, weighed 10 to 15 tons, and perhaps, most importantly, had a hundred teeth, some as big as a cucumber.

Little is yet known about the pliosaur. How did it breathe? Did the female lay eggs or did she give birth? Perhaps “The Monster” will hold the answers to these questions. What is known is that, like whales, the reptile was a land animal before becoming a sea creature.

When “The Monster” died, it sank to the bottom of the seabed. Over time, however, the underwater rocks became land. The fossils were found after a landslide. To an untrained eye, the bones are very difficult to distinguish from ordinary pieces of rock.

<注> predator 補食動物 Tyrannosaurus rex (ティラノサウルス レックス)及び pliosaur (プリオサウル)は、いずれも恐竜の種類名 reptile は虫類 gulp ぐっと飲み込むこと fossil 化石 excavate 発掘する cucumber 西洋のきゅうり(日本のものの3～4倍位の大きさ)

(設問)

A-1 Which of the following statements is true?

1. These are some of the largest pieces of bone ever found.
2. Even though the pieces of bone are very small, they belong to a large skeleton.
3. They may be the bones of a man swallowed by a pliosaur.

A-2 What does the leader of the team say about the fossil that they have found?

1. He is very optimistic that this could be the most complete fossil of a pliosaur ever found.
2. He is sure that this is not the best example of a pliosaur fossil that has ever been found.
3. His team has found a complete pliosaur skeleton.

A-3 How big was the pliosaur?

1. It was very big with hundreds of tiny teeth.
2. It weighed about the same as a man.
3. It was about five or six times longer than the height of a man.

A-4 What do we know about the pliosaur?

1. The pliosaur’s ancestors used to live on land.
2. Nothing is known about the pliosaur except for its size.
3. Female pliosaurs did not lay eggs but gave birth to their young.

A-5 Where did “The Monster” die?

1. It died somewhere in the sea.
2. It died on the seabed.
3. It died on some rocks near the sea.

2. 次の英文 A-6 から A-9 までは、全世界的な海上遭難安全制度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 service of every ship radiotelephone station, ship earth station and ship station using the frequencies and techniques prescribed in Chapter VII 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 equipment.

<注> issued 発給された provided ~という条件で、仮に~とすれば

(設問) Which people are allowed to use the equipment on radiotelephone stations, ship earth stations and ship stations?

1. Only people holding a recognized certificate may use this equipment.
2. Other people may use the equipment if the station is controlled by an operator holding a recognized certificate.
3. Equipment in these stations may be used by any person who is a citizen of the country to which the station is subject.

A-7 When it is necessary to employ a person without a certificate or an operator not holding an adequate certificate as a temporary operator, his performance as such must be limited solely to signals of distress, distress alerting, urgency and safety, messages relating thereto, messages relating directly to the safety of life and urgent messages relating to the movement of the ship.

<注> thereto それに加えて

(設問) What kinds of duty are temporary operators not holding adequate certification allowed to perform?

1. Temporary operators must be supervised by a certified officer at all times.
2. Temporary operators must not be allowed to perform any duties related to distress or urgency.
3. The duties of such operators must be limited to messages that are either urgent or related to safety.

A-8 The services of coast stations and coast earth stations are, as far as possible, continuous (day and night). Certain coast stations, however, may have a service of limited duration.

(設問) How long do coast stations and coast earth stations operate each day?

1. They normally operate both day and night except in the case of some coast stations.
2. Most coast stations only offer a service for a short time at night.
3. All coast and coast earth stations must operate for as long as possible because they only have a limited service duration.

A-9 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) What should coast stations do before closing down their service?

1. Coast stations are not permitted to close down their service except in an emergency.
2. It is necessary for a coast station to announce the closing down of its service and provide information about reopening in certain cases.
3. All coast stations must be ready to provide advice outside their normal hours of service.

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 携帯電話は、今や、日常生活に不可欠な通信手段となっている。新しい軽量の携帯電話は、ほとんどどこでも使えるということとあいまって、我々の生活をより便利にしている。

Mobile phones have now become an essential (ア) for communication in everyday life. The new lightweight mobile phones, (イ) the fact that it is possible to use them (ウ) anywhere, (エ) our lives (オ) convenient.

- | | | |
|------------|-----------|------------------|
| 1. almost | 2. always | 3. call |
| 4. lots of | 5. make | 6. more |
| 7. pair | 8. place | 9. together with |
| 10. tool | | |

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 最新の台風警報によると、強力な台風エンジェルは当海域に向かっており、明朝、襲来すると予想されています。本船は、近くのガーディアン島の陰に避難します。

According to (ア) typhoon warning, powerful Typhoon Angel is (イ) this sea area and (ウ) to strike tomorrow morning. We will (エ) in the (オ) of nearby Guardian Island.

- | | | |
|-----------------|--------------|----------------|
| 1. expected | 2. expecting | 3. heading for |
| 4. hidden place | 5. leaving | 6. lee |
| 7. recently | 8. shadow | 9. shelter |
| 10. the latest | | |

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 救命浮機局において使用する無線電話設備は、156 MHz と 174 MHz の間の周波数帯のいかなる周波数においても運用することができる場合には、156.8 MHz 及びこの周波数帯における少なくとも他の 1 つの周波数で送信し、及び受信することができなければならない。

Equipment for radiotelephony (ア) in survival craft stations shall, if capable of operating on any frequency in the bands between 156 MHz and 174 MHz, (イ) (ウ) (エ) transmit and receive on 156.8 MHz and at least one (オ) frequency in these bands.

- | | | |
|----------|-------------|------------|
| 1. able | 2. another | 3. be |
| 4. can | 5. for | 6. is used |
| 7. other | 8. possibly | 9. to |
| 10. use | | |