

해 사 영 어

1. 다음 중 육상과 선박 그리고 선박과 육상통신 또는 일반적인 무선통신에서, 표준해사통신영어(Standard Marine Communication Phrases) Part A1/6 “선박통항 서비스 표준절차”에 있는 8개 통보부호로 가장 옳지 않은 것은?

① Instruction ② Recommendation
③ Request ④ Warning

2. 다음은 COLREG(International Regulations for Preventing Collisions at Sea)의 제한시계 내에서의 음향신호이다. 빈칸에 알맞은 수를 모두 합한 값은?

- ㉠ A vessel at anchor shall at intervals of not more than () minute ring the bell rapidly for about () seconds.
㉡ In a vessel of () metres or more in length the bell shall be sounded in the forepart of the vessel and immediately after the ringing of the bell the gong shall be sounded rapidly for about () seconds in the after part of the vessel.
㉢ A vessel of less than () metres in length shall not be obliged to give the above-mentioned signals but, if she does not, shall make some other efficient sound signal at intervals of not more than () minutes.

① 125 ② 129 ③ 137 ④ 141

3. 다음은 UNCLOS(United Nations Convention on the Law of the Sea)의 내용이다. 빈칸에 들어갈 단어로 가장 옳은 것은?

1. In the exclusive economic zone, the coastal State has :
(a) ...
(b) () as provided for in the relevant provisions of this Convention with regard to:
· the establishment and use of artificial islands, installations and structures;
· marine scientific research;
· the protection and preservation of the marine environment;

① Rights ② Duties
③ Jurisdiction ④ Sovereignty

4. 다음 중 통신의 우선순위대로 가장 올바르게 나열한 것은?

㉠ Distress ㉡ Safety
㉢ Radio direction finding ㉣ Urgency

① ㉠ > ㉡ > ㉢ > ㉣ ② ㉠ > ㉣ > ㉢ > ㉡
③ ㉢ > ㉠ > ㉣ > ㉡ ④ ㉠ > ㉣ > ㉡ > ㉢

5. 다음은 UNCLOS(United Nations Convention on the Law of the Sea)의 내용이다. 빈칸에 들어갈 말로 가장 옳은 것은?

In the case of islands situated on atolls or of islands having fringing reefs, the baseline for measuring the breadth of the territorial sea is () line of the reef, as shown by the appropriate symbol on charts officially recognized by the coastal State.

① the landward low-water
② the landward high-water
③ the seaward low-water
④ the seaward high-water

6. 다음 중 빈칸에 들어갈 단어로 가장 옳은 것은?

- 닻줄은 몇 절 풀려나가 있는가?
: How much cable is (㉠) ?
· 피항 (Give-way)
: To keep (㉡) of the way of another vessel.
· 닻줄이 꼬였음.
: Turn (㉢) cable.
· 나는 목포에 어제 기항하였다.
: I called (㉣) Mokpo yesterday.

㉠ ㉡ ㉢ ㉣
① in in out in
② out out out in
③ out out in at
④ out in in at

7. 다음 중 STCW(International Convention on Standards of Training, Certification and Watchkeeping for Seafarers) 협약상 항해당직 인계시, 인계를 받는 해기사가 확인해야 할 사항으로 가장 옳지 않은 것은?

① Course ② Speed
③ Draught of the ship ④ Gross tonnage

8. 다음은 항로지정에 사용되는 용어이다. 내용으로 옳은 것은 모두 몇 개인가?

- ㉠ Traffic Separation Scheme : A scheme which separates traffic proceeding in opposite or nearly opposite direction by the use of a separation zone or line, traffic lanes or by other means.
- ㉡ Recommended Track : A routing measure comprising an area within defined limits where ship must navigate with particular caution and within which the direction of traffic flow may be recommended.
- ㉢ Separation Zone or Line : An area within definite limits inside which one-way traffic is established. Natural obstacles, including those forming separation zones, may constitute a boundary.

- ① 없음 ② 1개 ③ 2개 ④ 3개

9. 다음은 MARPOL(International Convention for the Prevention of Marine Pollution from Ship) 73/78 협약상 기름 배출 내용이다. 가장 옳지 않은 것은?

Any discharge into the sea of oil or oily mixtures from ships of 400 gross tonnage and above shall be prohibited except when all the following conditions are satisfied:

- ① the ship is proceeding en route;
- ② the oily mixture is processed through an oil filtering equipment;
- ③ the oil content of the effluent without dilution does exceed 15 parts per million;
- ④ the oily mixture, in case of tankers, is not mixed with oil cargo residues.

10. 다음은 GMDSS(Global Maritime Distress and Safety System)에서 사용되는 약어이다. 가장 옳지 않은 것은?

- ① MMSI : Maritime mobile satellite identity number
- ② NBDP : Narrow-band direct printing
- ③ EPIRB : Emergency Position Indicating Radio Beacon
- ④ SART : Search and rescue radar transponder

11. 다음 중 빈칸에 들어갈 단어로 가장 옳은 것은?

- If there is a marked temperature inversion or a sharp decrease in water vapor content with increased height, a horizontal radio duct may be formed. It is (㉠).
- (㉡) is brought about when the ship is supported fore and aft by two waves, so that the middle of the vessel is strained in the opposite direction.

- | | | |
|---|------------------|---------|
| | ㉠ | ㉡ |
| ① | super-refraction | Hogging |
| ② | super-refraction | Sagging |
| ③ | sub-refraction | Hogging |
| ④ | sub-refraction | Sagging |

12. 다음은 COLREG(International Regulations for Preventing Collisions at Sea) RULE 34에 대한 것으로, 빈칸에 순서대로 들어갈 단어로 가장 옳은 것은?

When in sight of one another in a narrow channel or fairway:

- (i) a vessel intending to overtake another shall in compliance with Rule 9(e)(i) indicate her intention by the following signals on her whistle:
- () prolonged blast(s) followed by () short blast(s) to mean 'I intend to overtake you on your port side'.
- (ii) the vessel about to be overtaken when acting in accordance with Rule 9(e)(i) shall indicate her agreement by the following signal on her whistle:
- () prolonged, () short, () prolonged and () short blast, in that order.

- ① one - one - two - one - two - one
- ② two - one - one - two - one - two
- ③ one - two - one - two - one - two
- ④ two - two - one - one - one - one

13. 다음 중 SOLAS(International Convention for the Safety of Life at Sea)원문의 내용과 일치하지 않은 것은 모두 몇 개인가?

- ㉠ “Free-fall Launching” is that method of launching a survival craft whereby the craft is automatically released from a sinking ship and is ready for use
 ㉡ “Dead ship condition” means the condition under which the main propulsion plant, boilers and auxiliaries are not in operation due to the absence of power
 ㉢ “Rescue boat” is a boat designed to rescue persons in distress and to marshal survival craft
 ㉣ “Retrieval” is the safe recovery of survivors

- ① 없음 ② 1개 ③ 2개 ④ 3개

14. 다음은 UNCLOS(United Nations Convention on the Law of the Sea)상 외국선박의 선내 형사관할권에 관한 내용이다. 밑줄 친 부분에 해당하는 경우로 가장 옳지 않은 것은?

The criminal jurisdiction of the coastal State should not be exercised on board a foreign ship passing through the territorial sea to arrest any person or to conduct any investigation in connection with any crime committed on board the ship during its passage, save only in the following cases;

- ① if the consequences of the crime extend to the coastal state
 ② if the crime is of a kind to disturb the peace of the country or the good order of the territorial sea
 ③ if the assistance of the local authorities has been requested by the master of the ship or by a diplomatic agent or consular officer of the Port State; or
 ④ if such measures are necessary for the suppression of illicit traffic in narcotic drugs or psychotropic substances

15. 다음은 SOLAS(International Convention for the Safety of Life at Sea) chapter III Life-saving appliances and arrangements에 관한 내용이다. 빈칸에 알맞은 수를 모두 합한 값은?

- ㉠ for passenger ships on voyages less than 24h, a number of infant lifejackets equal to at least ()% of the number of passengers on board shall be provided;
 ㉡ for passenger ships on voyages 24h or greater, infant lifejackets shall be provided for each infant on board;
 ㉢ a number of lifejackets suitable for children equal to at least ()% of the number of passengers on board shall be provided or such greater number as may be required to provide a lifejacket for each child;

- ① 10 ② 12.5 ③ 15 ④ 17.5

16. 다음은 ISPS Code(International Ship & Port Facility Security Code)의 Ship security alert system에 관한 내용이다. 가장 옳지 않은 것은?

The ship security alert system, when activated, shall;

- ㉠ initiate and transmit a ship-to-ship security alert to a competent authority designated by the Administration, which in these circumstances may include the Company, identifying the ship, its location and indicating that the security of the ship is under threat or it has been compromised;
 ㉡ not send the ship security alert to any other ships;
 ㉢ not raise any alarm on board the ship; and
 ㉣ continue the ship security alert until deactivated and/or reset.

- ① ㉠ ② ㉡ ③ ㉢ ④ ㉣

17. 다음 중 화재 소화방법으로 가장 옳지 않은 것은?

- ① Fuel removal
 ② Temperature reduction (under flash point)
 ③ Chemical Inhibition
 ④ Oxygen inclusion

18. 다음 중 빈칸에 들어갈 내용으로 가장 옳은 것은?

Charted depth is the ().

- ① vertical distance from the chart sounding to the ocean bottom, plus the height of tide
- ② vertical distance from the chart sounding datum to the ocean bottom
- ③ average height of water over a specified period
- ④ average height of all low waters at a place

19. 다음 문장을 표준해사통신영어(Standard Marine Communication Phrases)로 고쳤을 때 가장 옳은 것은?

I will bring the vessel beam on to the wind and sea, to protect the vessel in distress from the wind.

- ① I will protect you from the wind
- ② I am going to make a wind for you
- ③ I am coming to rescue you in distress
- ④ I will make a lee for you

20. 다음은 COLREG(International Regulations for Preventing Collisions at Sea) RULE 9 Narrow Channels에 대한 것으로, 빈칸에 들어갈 단어로 가장 옳은 것은?

A vessel of () in length or a sailing vessel shall not impede the passage of a vessel which can safely navigate only within a narrow channel or fairway.

- ① less than 20 metres
- ② less than 24 metres
- ③ more than 20 metres
- ④ more than 24 metres