

## 해사영어

1. 다음 빈칸에 들어갈 말로 가장 적합한 것은?

Attention all vessel. This is Tongyeong VTS.  
Navigational information follows ( ) VHF CH. 69.

- ① to                      ② with                      ③ of                      ④ on

2. Select the correct one for the blank.

Area which cannot be scanned by the radar of the vessel because they are shielded by part of its superstructure, masts, etc. is called ( ).

- ① blind sector                      ② side lobe effect  
③ scanning zone                      ④ super-refraction

3. 다음 설명에 해당하는 것을 고르시오.

The angle-caused between the axis of the compass and magnetic meridian is called ;

- ① variation                      ② deviation  
③ compass error                      ④ gyro error

4. 다음 설명 중 틀린 것은 모두 몇 개 인가?

- ㉠ **Dragging** : A movement of an anchor over the sea bottom to control the movement of the vessel.  
㉡ **Walk out(of anchor)** : To reverse the action of a windlass to lower the anchor until it is clear of the hawse pipe and ready for dropping.  
㉢ **Hogging** : A stress which a ship's hull or keel experiences that the middle of the ship is pushed to bend upward.  
㉣ **Backing** : When the wind direction moves clockwise.  
㉤ **A warm front** : Where a cold air mass moves under warmer air mass.

- ① 1개                      ② 2개                      ③ 3개                      ④ 4개

5. IAMSAR manual 상 아래의 절차에 따라 행하는 구조 방법은 무엇인가?

※ Not to be used in an "immediate action situation".

1. Rudder hard over.
2. After deviation from the original course by 240 degree, rudder hard over to the opposite side.
3. When heading 20 degree short of opposite course, rudder to midship position so that ship will turn to opposite course.

- ① Williamson turn                      ② Anderson turn  
③ Single turn                      ④ Scharnov turn

6. SMCP(Standard Marine Communication Phrase)에 사용되는 용어에 대한 정의로 옳은 것은 모두 몇 개 인가?

- ㉠ **Hampered vessel** : A vessel restricted by her ability to manoeuvre by the nature of her work.  
㉡ **Muster** : To disassemble crew, passengers or both in a special place for purposes of checking.  
㉢ **Ordnance exercise** : Naval firing practice.  
㉣ **Roll call** : The act of checking who of the passengers and crew members are present, e.g. at assembly stations, by reading aloud a list of their names.

- ① 1개                      ② 2개                      ③ 3개                      ④ 4개

7. 다음 설명에 가장 적합한 것은 무엇인가?

This is the distance travelled in the direction of the original course by midship point of a ship from the position at which the rudder order is given to the position at which the heading has changed 90 degree from the original course.

- ① Pivot point                      ② Advance  
③ Transfer                      ④ Kick

8. Choose the suitable one to fill the blank.

When the general emergency alarm is sounded with seven short blasts and one prolonged blast, all passengers have to go to their ( ).

- ① store                      ② galley  
③ assembly station                      ④ lounge

9. Choose a proper one to fill the blank.

“( ) is a written notice or note produced by the master of a ship and presented to the agents as soon as his ship arrives at the contractual destination and stating that the ship is ready to load and/or discharge as per charter party conditions.”

- ① Mate’s receipt                      ② Bill of lading
- ③ Shipping order                      ④ Notice of Readiness

10. 다음 설명에 가장 적합한 것은 무엇인가?

Under this charter, the charterer pays for the cost of loading and discharging the cargo. The ship owner is still responsible for the payment of all port charges. It can be described as net term.

- ① FIO(Free In and Out)              ② FO(Free Out)
- ③ FI(Free In)                              ④ Berth term

11. Choose the most appropriate group of words for the blanks.

There are three special axes in any ship, called vertical, lateral, and longitudinal axes. The movements around them are known as roll, pitch, and yaw.

- Roll is the tilting rotation of a vessel about its longitudinal axis. An offset or deviation from normal on this axis is referred to as ( A ).
- Pitch is the up and down rotation of a vessel about its lateral axis. An offset or deviation from normal on this axis is referred to as ( B ).
- Yaw is the turning rotation of a vessel about its vertical axis. An offset or deviation from normal on this axis is referred to as ( C ).

	A	B	C
①	stability	trim	course keeping ability
②	stability	course keeping ability	trim
③	trim	stability	course keeping ability
④	trim	course keeping ability	stability

12. SOLAS규정에 따른 때, 다음 빈칸에 들어갈 숫자를 고르시오.

.2. capable of putting the rudder over from 35 degree on one side to 35 degree on the other side with the ship at its deepest seagoing draught and running ahead at maximum ahead service speed and, under the same conditions, from 35 degree on either side to 30 degree on the other side in not more than \_\_\_\_\_ sec.

- ① 25                                      ② 28                                      ③ 30                                      ④ 60

13. According to “UNCLOS(United Nations Convention On The Law of the Sea)”, What’s wrong explanation of the “Right of hot pursuit”?

- ① The hot pursuit of a foreign ship undertaken when the competent authorities of the coastal State have good reason to believe that the ship has violated the laws and regulations of that State.
- ② It is necessary that, at the time when the foreign ship within the territorial sea or the contiguous zone receives the order to stop, the ship giving the order should likewise be within the territorial sea or the contiguous zone.
- ③ The right of hot pursuit ceases as soon as the ship pursued enters the territorial sea of its own State or of a third State.
- ④ The right of hot pursuit may be exercised only by warship or military aircraft or other ships or aircraft clearly marked and identifiable as being on government service and authorized to that effect.

14. Select the correct one for the blank.

The heat used to change a solid to a liquid is called \_\_\_\_\_.

- ① latent heat of condensation
- ② latent heat of vaporization
- ③ latent heat of solidification
- ④ latent heat of fusion

15. 다음은 COLREG(International Regulations for Preventing Collisions at Sea)중 일부를 발췌한 것이다. 밑줄(ㄱ)의 선박을 고르고, 빈 칸(ㄴ)에 들어갈 말을 고르시오.

- (a) (i) Where by any of these Rules one of two vessel is to keep out of the way the other shall keep her course and speed.  
 (ii) (ㄱ) The latter vessel may however take action to avoid collision by her manoeuvre alone, as soon as it becomes apparent to her that the vessel required to keep out of the way is not taking appropriate action in compliance with these Rules.  
 :
- (c) A power-driven vessel which takes action in a crossing situation in accordance with sub-paragraph (a)(ii) of this Rule to avoid collision with another power-driven vessel shall, if the circumstances of the case admit, not alter course to (ㄴ)\_\_\_\_\_ for a vessel on her port side

- ① (ㄱ) : stand-on vessel      (ㄴ) : port  
 ② (ㄱ) : give-way vessel      (ㄴ) : port  
 ③ (ㄱ) : stand-on vessel      (ㄴ) : starboard  
 ④ (ㄱ) : give-way vessel      (ㄴ) : starboard

16. “COLREG” RULE 21 “Definitions”에 따를 때, 다음 빈칸에 들어갈 숫자를 고르시오.

- “Masthead light” means a white light placed over the fore and aft centerline of the vessel showing an unbroken light over an arc of the horizon of (ㄱ)\_\_\_\_\_ degrees.
- “Sidelights” means a green light on the starboard side and a red light on the port side each showing an unbroken light over an arc of the horizon of (ㄴ)\_\_\_\_\_ degrees.
- “Stern light” means a white light placed as nearly as practicable at the stern showing an unbroken light over an arc of the horizon of (ㄷ)\_\_\_\_\_ degrees.

- ① (ㄱ) : 112.5      (ㄴ) : 225      (ㄷ) : 135  
 ② (ㄱ) : 225      (ㄴ) : 135      (ㄷ) : 67.5  
 ③ (ㄱ) : 225      (ㄴ) : 112.5      (ㄷ) : 135  
 ④ (ㄱ) : 112.5      (ㄴ) : 135      (ㄷ) : 225

17. 다음은 “UNCLOS(United Nations Convention On The Law of the Sea)”에 나오는 정의 중 일부를 발췌한 것이다. 다음 빈 칸에 공통적으로 들어갈 말로 가장 적절한 것은?

- ㉠ Every State has the right to establish the breadth of its territorial sea up to a limit not exceeding 12 nautical miles, measured from (      )s determined in accordance with its Convention.  
 ㉡ The contiguous zone may not extend beyond 24 nautical miles from the (      )s from which the breadth of the territorial sea is measured.  
 ㉢ The exclusive economic zone shall not extend beyond 200 nautical miles from the (      )s from which the breadth of the territorial sea is measured.

- ① base line      ② horizontal line  
 ③ straight line      ④ vertical line

18. “1979년 해상수색 및 구조에 관한 국제협약”에 따를 때 다음에 해당하는 상황은 무엇인가?

A situation wherein apprehension exists as to the safety of a vessel and the persons on board.

- ① Emergency phase      ② Uncertainty Phase  
 ③ Alert Phase      ④ Distress Phase

19. 4행정 사이클기관의 작동 순서로 가장 올바른 것은?

- ① suction stroke - compression stroke - expansion stroke - exhaust stroke  
 ② suction stroke - expansion stroke - compression stroke - exhaust stroke  
 ③ suction stroke - exhaust stroke - expansion stroke - compression stroke  
 ④ suction stroke - compression stroke - exhaust stroke - expansion stroke

20. 다음의 기관 용어 중 올바른 것은 모두 몇 개인가?

- ㉠ cycle - 상사점과 하사점 사이의 거리  
 ㉡ centrifugal pump - 왕복 펌프  
 ㉢ oily water separator - 유수분리기  
 ㉣ hydraulic control system - 유압제어 장치  
 ㉤ waste oil incinerator - 폐유소각기

- ① 5개      ② 4개      ③ 3개      ④ 2개