

102年第二次專門職業及技術人員高等暨普通考試航海人員考試【舊案補考】

代 號：5401

類科名稱：二等船副

科目名稱：船舶通訊與航海英文概要

考試時間：1小時

座號：_____

※注意：本試題禁止使用電子計算器

1. GMDSS 系統的通信中，約在北緯70度至南緯70度範圍內而不含A1及A2之海域稱為：
A. A3海域
B. A4海域
C. B3海域
D. B4海域
2. GMDSS系統中，地面之近距離通信，用於遇險警報及安全呼叫之數位選擇呼叫（DSC），其頻率為：
A. 156.242MHz
B. 156.323MHz
C. 156.424MHz
D. 156.525MHz
3. MF/HF無線電話係採用單邊調變方式（J3E），其指配頻率為載波頻率再加多少KHz？
A. 1.2KHz
B. 1.3KHz
C. 1.4KHz
D. 1.5KHz
4. 無線電話通訊用口語發送信號時，應照字母讀音表發音，但有一字例外，仍讀原音，該字為下列那一種符號？
A. CQ
B. NO
C. CS
D. AR
5. 在GMDSS系統中，地面中距離通信用於船對岸，船對船及岸對船之遇險及安全通信無線電話，其頻率為：
A. 2180KHz
B. 2181KHz
C. 2182KHz
D. 2183KHz
6. 下圖為救援單位使用陸上救生器材指引遇險船舶之信號，其意義為：



發射紅色星光信號

一枚

- A. 已固定
 - B. 安全
 - C. 肯定
 - D. 否定
7. Sound, visual or other signal to a team ordering it to return to its base is _____ signal.
A. return
B. retreat
C. come-back
D. recall
 8. A vessel shall so far as practicable _____ in a traffic separation scheme or in areas near its terminations.
A. avoid to anchor
B. to avoid to anchor
C. avoid anchoring
D. to avoid anchoring
 9. A vessel constrained by her draught shall, when risk of collision with another vessel in a crossing or

head-on situation exists, _____.

- A. apply the relevant steering and sailing rule as a power-driven vessel.
- B. apply the relevant steering and sailing rule as a sailing vessel.
- C. apply the relevant steering and sailing rule as a vessel not under command.
- D. apply the relevant steering and sailing rule as a vessel engaged in a towing operation.

10. 摩斯碼 “T”，由「點」、「劃」組合，應表示成：

- A. (— •)
- B. (• —)
- C. (— —)
- D. (—)

11. 下圖信號旗，係表示：



- A. G
- B. I
- C. L
- D. V

12. 下圖信號旗，係表示：



- A. 1
- B. 3
- C. 5
- D. 9

13. Vessel's sideways drift leeward of the desired course defines as “_____”.

- A. leeway
- B. leeside
- C. leeward
- D. side moving

14. What is the _____ tropical storm warning information?

- A. lately
- B. latest
- C. last
- D. nowadays

15. Your kind attention to the above will be much _____.

- A. appreciate
- B. appreciated
- C. appreciating
- D. being appreciated

16. Cargo was re-stowed to correct the list.

- A. 貨物已被重新堆裝，以修正傾斜。
- B. 貨物正被重新堆裝，以修正傾斜。
- C. 貨物已被重新堆裝，以修正穩定度。
- D. 貨物正被重新堆裝，以修正穩定度。

17. The term of “ETA” means that:

- A. Established Time of Arrival.
- B. Estimated Time of Arrival.
- C. Elapsed Time of Arrival.
- D. Escorted Time of Arrival.

18. 報告受傷人員。

- A. Report injured persons.
- B. Report missing persons.
- C. Report helpless persons.
- D. Report evacuated persons.

19. 檢查貨櫃損壞情形。

- A. Check the container for damage.
B. Check the container in damage.
C. Check the container at damage.
D. Check the container on damage.
20. The rule will not vessels of their obligations to comply with the local laws.
A. take
B. carry
C. relieve
D. limit
21. The ship sets heading for picking up pilot in helicopter operations .
A. with the wind
B. against the wind
C. with the current
D. against the current
22. Submarines are operating in sea area around Peak Island. Surface vessels are in .
A. attendance
B. attend
C. attended
D. attendance
23. Stow the flammable goods the engine room bulkhead.
A. away
B. away from
C. away with
D. away off
24. Stand clear the vessel and report.
A. of
B. off
C. on
D. in
25. All officers to report to the bridge.
A. 所有航行員向駕駛臺報到。
B. 所有航行員向船長報到。
C. 所有航行員向控制室報到。
D. 所有航行員向集合站報到。
26. Which one of the following has the smallest scale of NOAA chart system?
A. Harbor chart
B. Port chart
C. Plotting chart
D. General chart
27. I have to be responsible my shipowner for the damage claim.
A. for
B. to
C. with
D. against
28. Our vessel at that port next month.
A. call
B. visit
C. has visited
D. will call
29. In convention, a vessel that carries more than twelve passengers shall be deemed as passenger ship.
A. COSCO
B. STCW
C. SOLAS
D. MARPOL
30. 依國際海上避碰規則第三十四條「運轉與警告信號」，「THREE short blasts」表示：
A. I am altering my course to starboard.
B. I am altering my course to port.

- C. I am operating astern propulsion.
D. I am operating ahead propulsion.
31. 當電波由一個大氣層傳至另一不同密度之大氣層時，傳遞方向發生變動，稱為：
A. 反射 (Reflection)
B. 折射 (Refraction)
C. 繞射 (Diffraction)
D. 散射 (Scattering)
32. 當船舶一旦無預警突然沉入水中2~4公尺時，EPIRB中的水壓脫離器會將EPIRB脫離置放架，浮出水面，同時因接觸海水而發出遇險信號，屬於下列何種發送程序？
A. 手動發射 (Manual)
B. 自動發射 (Auto)
C. 遙控發射 (Remote)
D. 測試發射 (Test)
33. 下列何者為「航行中〈指船舶未錨泊、靠泊或擱淺〉」之英文術語？
A. Underwear
B. Underwent
C. Underwater
D. Underway
34. There has been a hydrographic instrument moored in the following position: _____ 260 degrees and distance 4 nautical miles from the northern breakwater. Please navigate with caution!
A. Course
B. Bearing
C. Compass
D. Direction
35. Suppose an Electronic Chart Display and Information System (ECDIS) onboard a vessel was on fire, which of the following types of extinguishers would be the most appropriate instrument that can be utilized to put out the fire?
A. Foam
B. Dry chemical
C. Carbon dioxide
D. Water
36. The vessel is having a transverse inclination to the port side. In other words, the vessel is suffering from a _____ to port.
A. rolling
B. pitching
C. swing
D. list
37. Radar is the abbreviation of Radio Detection and _____.
A. Reading
B. Ranging
C. Reflection
D. Researching
38. How many lifeboats will the distress vessel _____ after abandoning ship?
A. decline
B. escape
C. depart
D. launch
39. Master: We are _____ position. Make fast fore and aft.
A. at
B. in
C. on
D. out
40. Pilot: Change the _____ to three miles range scale.
Master: I will change it to three miles range scale.
A. AIS
B. ECDIS
C. GMDSS
D. RADAR