

101年第一次專門職業及技術人員高等暨普通考試航海人員考試

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.使用國際簡碼信號通信時，如言語不通，致通信困難時，可依照什麼規則發送信文？

- A.無線電通用規則
- B.無線電簡碼規則
- C.無線電明碼規則
- D.無線電通碼規則

2.在GMDSS系統中，地面之遠距離，船對岸及岸對船通信，係由何頻帶提供？

- A.中頻（MF）
- B.高頻（HF）
- C.特高頻（VHF）
- D.極高頻（SHF）

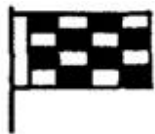
3.下圖為救援單位指引遇險船舶人員登岸之信號，其意義為：



發射紅色星光信號

一枚

- A.這是最佳登岸地點
 - B.此處登岸極危險
 - C.此處登岸極危險，較好登岸地點在指引方向
 - D.暫停在原處
- 4.下圖為搜救船舶回答搜救飛機之信號，其意義為：



掛上 N 旗

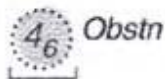
- A.不明瞭，請重發
 - B.收到信號，可配合
 - C.收到信號，無法配合
 - D.信號錯誤
- 5.摩斯碼（···— —）係表示數字：
- A.2
 - B.3
 - C.7
 - D.8
- 6.翻譯：本船向右傾斜10度。
- A. There is a 10-degree list to starboard.
 - B. There is a 10-degree trim to starboard.
 - C. There is a 10-degree up side down to starboard.
 - D. There is a 10-degree heel to starboard.
7. Does the transmission of SECURITE message require waiting for acknowledgement after initial DSC announcement?
- A. Yes, we should wait for an acknowledgement. Then transmit the SECURITE message after receiving acknowledgement.
 - B. No, the SECURITE message can be transmitted directly after initial DSC announcement.
 - C. It depends on the numbers of coast station(s) and/or vessels nearby.
 - D. Master decides it.
- 8.翻譯：碼頭邊的吊車已可使用。
- A. The shipboard cranes are available.
 - B. The dockside cranes are available.

- C.The floating cranes are available.
D.The overhead cranes are available.
- 9.翻譯：向港口消防隊報警。
A.Inform the harbour fire team.
B.Make report to harbour fire authority.
C.Notice the alarm to the harbour fire-fighting tug.
D.Alarm the harbour fire brigade.
- 10.翻譯：這些貨物的包裝箱已潮濕。
A.The packages of the cargos are damp.
B.The packages of the cargos are mouldy.
C.The packages of the cargos are torn.
D.The packages of the cargos are loose.
- 11.翻譯：報告看得見的救生艇艘數。
A.Report the number of lifeboats sight.
B.Report the number of lifeboats at sight.
C.Report the number of lifeboats on sight.
D.Report the number of lifeboats in sight.
- 12.A compass card without north-seeking capability that is used for relative bearing is a (n) _____ .
A.bearing circle
B.bearing bar
C.alidade
D.pelorus
- 13.The meaning of “ebb tide” is that _____ .
A.tide is falling from high water to low water
B.tide is rising from low water to high water
C.tide is reaching to a highest level
D.tide is reaching to a lowest level
- 14.A buoy composed of a tall central structure mounted on a broad flat base calls _____ .
A.station buoy
B.spherical buoy
C.discrepancy buoy
D.pillar buoy
15. “SINGLE UP” normally be used for:
A.mooring lines
B.tug boat
C.anchor operation
D.valve operation
16. “Running Fix” position was obtained by:
A.two lines of position that obtained at same time
B.two lines of position that obtained at different time
C.one line of position and one estimate position
D.one line of position and one assume position (AP)
- 17.下圖信號旗，係表示：

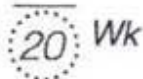


- A.1
B.3
C.7
D.9
- 18.無線電話通訊時，英文字母「A」的拚讀法為：
A.ALFA
B.ALFE
C.ALFI
D.ALFO
- 19.What is the position of the ship _____ distress?

- A.at
B.on
C.in
D.by
20. Suez Canal _____ for traffic on Nov. 17th 1869.
A.is opened
B.is opening
C.was opening
D.was opened
21. 貨物控制室發生爆炸。
A.Flooding in Cargo Control Room.
B.Damaging in Cargo Control Room.
C.Expanding in Cargo Control Room.
D.Explosion in Cargo Control Room.
22. Attention. There are dangerous targets _____ Radar.
A.in
B.at
C.with
D.on
23. 船中吃水8公尺。
A.Draft forward is 8 meters.
B.Draft aft is 8 meters.
C.Draft mid is 8 meters.
D.Draft underkeel is 8 meters.
24. Ventilate the pump room _____ entering.
A.after
B.before
C.when
D.by the time
25. Tanks should be inerted _____ crude oil washing.
A.after
B.when
C.before
D.where
26. These sound signals are exclusively _____ the information of the crew.
A.in
B.on
C.of
D.for
27. The spring range of tide is the depth between _____ and _____.
A.Mean High Water Springs, Mean Sea Level
B.Mean High Water Springs, Mean High Water Neaps
C.Mean High Water Springs, Mean Low Water Neaps
D.Mean High Water Springs, Mean Low Water Springs
28. As per STCW convention, the basic safety training did NOT include:
A.Medical care
B.Personal survival techniques
C.Personal safety and social responsibility
D.Fire prevention and fire fighting
29. 「Wreck over which the exact depth is unknown, but which is considered to have a safe clearance to the depth shown」 - it will be marked in the chart by:
A.  *Obstn*
B.  *Obstn*
C.



D.



30. A vessel using a traffic separation scheme shall comply with Rule _____ of the COLREGs in any condition of visibility.
- A. 7
 - B. 8
 - C. 9
 - D. 10
31. 全球海上遇險及安全系統（GMDSS）規定，船舶無線電設備需具有能力傳送和接收海事安全信息（MSI），下列那一項設備僅有接收能力而無傳送能力？
- A. VHF
 - B. HF
 - C. MF
 - D. NAVTEX
32. 國際海事衛星（INMARSAT）通信，INMARSAT-C CES的服務項目不包含：
- A. 電傳服務
 - B. 電子郵件
 - C. 電話服務
 - D. 強化群體呼叫服務
33. 下列何者為「浸水〈大量不能控制的海水流進船舶〉」之英文術語？
- A. Float
 - B. Flooding
 - C. Foul
 - D. Floodway
34. 下列何者為「下風側〈在船舶的背風一側〉」之英文術語？
- A. Leeward
 - B. Leeway
 - C. Leeringly
 - D. Leery
35. Escape route的中文翻譯是：
- A. 行進路線
 - B. 導覽路線
 - C. 吊貨路線
 - D. 逃生路線
36. Which term means : Ropes, nets, and any other means for handling general cargoes.
- A. Slinger
 - B. Slimy
 - C. Slims
 - D. Slings
37. As finding man overboard, the officer on watch should sound _____ on the whistle.
- A. three short blasts
 - B. two short blasts and one long blast
 - C. three long blasts
 - D. two long blasts and one short blast
38. The navigator could use radar to measure the _____ and distance of an obvious observed target.
- A. bearing
 - B. heading
 - C. azimuth
 - D. height
39. We often use a _____ to adjust the length of lashing wire on board.
- A. cleat
 - B. turnbuckle

C.shackle

D.thimble

40.Any ship having dangerous list should commence the _____ traffic frequency to require assistance immediately.

A.maritime

B.recreation

C.fishery

D.distress