

104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（舊案補考）

代 號：5301

類科名稱：一等船副

科目名稱：船舶通訊與航海英文

考試時間：1小時

座號：_____

※注意：本試題禁止使用電子計算器

- 1.強化群呼（EGC）是屬於下列那一個系統？
 - A.輔助搜救衛星
 - B.國際海事衛星
 - C.氣象導航衛星
 - D.觀測衛星
- 2.搜救雷達詢答機（SART）在雷達顯示器上出現十二點狀，若由中心向外算，則何點才是真正SART之位置？
 - A.第一點
 - B.第四點
 - C.第八點
 - D.第十二點
- 3.遇難無線電通訊設備使用8364 KHz（千赫）的是：
 - A.無線電報
 - B.中頻（MF）無線電話
 - C.特高頻（VHF）無線電話
 - D.救生艇筏使用之無線電報
- 4.一般鉛酸蓄電池於維修中不應過度放電，否則極板將會發生下列何種現象？
 - A.彎曲
 - B.擴大
 - C.變小
 - D.脫落
- 5.在赤道上空之INMARSAT衛星與地球表面之距離約為多少公里？
 - A.25700
 - B.30700
 - C.35700
 - D.40700
- 6.搜救雷達詢答機（SART），使用的頻率為多少GHz？
 - A.9
 - B.12
 - C.15
 - D.18
- 7.為避免干擾VHF CH16之通信安全，VHF特別規劃有兩個護衛頻道（guard band）護衛CH16，此兩頻道之編號（CH）為何？
 - A.15/17
 - B.60/62
 - C.75/76
 - D.88/90
- 8.表示 “I have a pilot on board.” 的單字母信號，是何字母？
 - A.D
 - B.E
 - C.G
 - D.H
- 9.設置船舶無線電台，應填具申請書向電信總局申請電台架設許可證，問架設許可證之有效期間為幾個月？
 - A.6
 - B.8
 - C.10
 - D.12
- 10.依據船舶無線電台通信之優先順序，有關無線電導航定位之通信，列為第幾優先等級？

- A.3
 - B.4
 - C.5
 - D.6
11. 在使用特高頻無線電話時，如聽到遇險呼叫，下列何者為正確的措施？
- A. 減低功率繼續發送
 - B. 增強功率展開呼叫
 - C. 停止發送並保持「守聽」
 - D. 不理會
12. 在無線電話讀音中，對數字“2”的讀法何者正確？
- A. KAR-TAY-TOO
 - B. TAY-RAH-TOO
 - C. BEES-SOH-TOO
 - D. DAY-SEE-TOO
13. 以煙霧信號發出遇難信號，下列何種顏色最佳？
- A. 白色
 - B. 橘黃色
 - C. 綠色
 - D. 灰色
14. 於日間，用白旗一面作水平運動，然後將該白旗插於地上，並另舉一面白旗指向所指明之方向，來指導載有遇險船員或人員的小艇，其意義為何？
- A. 最佳登岸地點在所指之方向
 - B. 此處為最佳登岸地點
 - C. 此處登岸極度危險，較好的登岸地點在所指之方向
 - D. 此處登岸極度危險，但無較佳的登岸地點
15. 船舶在港內靠泊時，就降旗順序而言，下列敘述何者正確？
- A. 先升者先降
 - B. 先升者後降
 - C. 船籍國國旗最先降下
 - D. 任何一旗先降均可
16. 摩爾斯信號碼「· · · · ·」代表下列那個字母？
- A. H
 - B. G
 - C. M
 - D. X
17. 國際信號代碼中，在航向信號前應冠以那一字母？
- A. A
 - B. C
 - C. F
 - D. M
18. 船舶抵港時，在駕駛台上方的信號旗桁左舷外側升起的何種旗？
- A. 需要領港旗
 - B. 檢疫旗
 - C. 船籍國國旗
 - D. 港口主權國國旗
19. 根據國際海事組織標準船舶報告制度（SRS），“T（Tango）”字首之後應報告之內容為何？
- A. 船東或船東代表
 - B. 目前船舶的最大吃水
 - C. 下一次報告時間
 - D. 預定到達時間
20. 依據臺中港船舶報告制度規定，有關船舶抵達臺中港報告中，下列何者不是「船舶抵達報告」中應報告的項目？
- A. ALFA + 船名、呼號
 - B. DELTA + 距南防波堤燈塔之方位、距離
 - C. FOXTROT + 船速

D.HOTEL ETA to 「臺中港引水站」

- 21.Safe working pressure means the maximum pressure in cargo work.
A.allowance
B.proved
C.permissible
D.tested
- 22.Damage control team means a group of crew members for fighting flooding in the vessel .
A.drill
B.exercise
C.practice
D.trained
- 23.Status of lifeboats checked. All launching are clear.
A.paths
B.process
C.tracks
D.patterns
- 24.WARNING . You are into danger.
A.sailing
B.navigating
C.running
D.proceeding
- 25.Search pattern means a according to which vessels and/or aircraft may conduct a co-ordinated search.
A.path
B.route
C.method
D.pattern
- 26.GMDSS is the abbreviation for Global and Safety System.
A.Marine Danger
B.Maritime Distress
C.Marine Disaster
D.Maritime Disable
- 27.Full speed : possible speed of a vessel. (依據IMO SMCP)
A.High
B.swift
C.Highest
D.Higher
28. starboard anchor one and a half shackles.
A.Work in
B.Walk in
C.Hoist in
D.Walk back
29. (of anchor) means moving of an anchor over the sea bottom involuntarily because it is no longer preventing the movement of the vessel.
A.Draught
B.Dragging
C.Dredging
D.Drifting
30. (of propeller) means a line, wire, net, etc., is wound round the propeller.
A.Circle
B.Crash
C.Twist
D.Foul
- 31.The crude oil washing and the gas system are operational.
A.inertia

- B.inert
C.inertial
D.inter
- 32.Passengers will be how to act the behave in case of emergency.
A.ordered
B.instructed
C.taught
D.trained
- 33.The height from the waterline to the highest point of the vessel is .
A.mast height
B.air draft
C.vertical draft
D.restricted draft
34. are official vector nautical charts. When displayed on ECDIS equipment they are equivalent to paper charts.
A.ARCS
B.ENC
C.RCDS
D.RNC
- 35.The ship needs , the port quarantine officer find too much cockroach in the cabin and rat at cargo hold.
A.fumigation
B.de-ballast
C.boarding arrangement
D.immigration
- 36.If the third mate checked her draft and recorded the figures by following abbreviation, what is the condition of the ship ?
F 9m10
M P/9m40, S/9m50
A 10m10
A.Hogging
B.Sagging
C.Lists to port side
D.Trim by head
- 37.Communication equipment between bridge and steering room is working properly.
A.gear
B.device
C.wheel
D.indicator
- 38.The “Stowage Factor” is measured by “long ton” in practice. What is the weight of one “LONG TON” ?
A.2000 1b
B.2200 1b
C.2240 1b
D.2420 1b
- 39.Please answer the following two questions by the following message :
PLS B ADVSD THAT BAY 24 ON DK CNTR COLLAPSED AT ABT 0230 HRS OF 1225 AT 46-45N 179-50W DUE TO HEAVY SWELL FM P'SIDE ASTERN ROLLING 32 DEGREES SUDDENLY. CGO WITH ITS PSN 241208, 241210, 241212 CNTRS O/B 2 SEA, CTIU8879576 N MLTU 8316457 DG CLASS 9 LEAKAGE N 15 PC LASHING BAR N 6 PC TURNBUCKLE WERE FOUND BROKEN. DAMAGE CONTROLL IS MADE BY CREW BUT SLOWLY DUE TO SHIPPING SEAS PLUS DARK. DETAIL REVERTING. PLS ARNG S/R WHEN 312359 LA ARR.
Where did the case happen ?
A.Pacific ocean
B.Atlantic ocean

- C. India ocean
- D. Taiwan Strait

40. When the container was over board, who was on duty normally ?

- A. BSN
- B. 3/M
- C. 2/M
- D. C/M