

102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. 衛星輔助搜救系統（COSPAS-SARSAT）之衛星軌道高度約為多少公里？
 - A. 200-400公里
 - B. 400-600公里
 - C. 600-800公里
 - D. 800-1000公里
2. 一套國際信號旗共有多少面旗？
 - A. 26
 - B. 36
 - C. 39
 - D. 40
3. 掛旗通訊時，發信台看到收信台掛上何種旗時，表示已準備接收，可以直接發送本文？
 - A. 回答旗
 - B. 代一旗
 - C. O旗
 - D. A旗
4. 遇難無線電通訊設備使用156.8 MHz（兆赫）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
5. Derelict means vessel still _____, abandoned at sea.
 - A. drifted
 - B. setting
 - C. sailing
 - D. afloat
6. Children must be kept under permanent _____.
 - A. watch
 - B. observation
 - C. protection
 - D. care
7. Dangerous goods of IMO Class. A are carried on deck. We must prepare an _____ plan and brief all crew members on symptoms caused by dangerous substances.
 - A. adventurous
 - B. urgent
 - C. emergency
 - D. distress
8. Stow flammable goods _____ from the engine bulkhead.
 - A. clear
 - B. away
 - C. out
 - D. far
9. The required number of dual _____ nozzles are on board, and each fire hose together with any necessary fittings and tools kept ready for use in a conspicuous position near water service hydrants or connections.
 - A. usage
 - B. alternatives
 - C. selection
 - D. purpose
10. For heaving anchor operation, “Anchor aweigh” in practice means:
 - A. at the moment that anchor leaves the ground.
 - B. the anchor is still in the water, between the ground and water surface.

- C.at the water surface.
D.the anchor is clear from the water surface.
- 11.When cargo is shifted from the main deck into the lower hold of a vessel, _____.
A.The TPC will increase
B.The GM will increase
C.The center of buoyancy will move upward
D.The list of the vessel will become great
- 12.For ship operation safety, proper number of crewmember shall be put on board. What document stipulated the required number and rank clearly ?
A.P&I cover letter
B.Minimum safe manning certificate
C.ISM certificate
D.Lifeboat certificate
- 13.在GMDSS系統中「國際電信聯合會」之英文簡縮字爲：
A.ITT
B.ICU
C.ITU
D.ITA
- 14.摩斯碼I（· · ·）與T（—）之間的長度是多少個時間單位？
A.1
B.3
C.5
D.7
- 15.當遇險信號是用聲響或閃光以摩斯碼發出，則此摩斯碼爲：
A.TTT
B.SAVE
C.SOS
D.MAYDAY
- 16.Visibility _____ by fog.
A.poor
B.moderate
C.reduced
D.zero
- 17.You must proceed _____ the fairway.
A.in
B.on
C.by
D.to
- 18.Fathom means a measure of _ feet.
A.4
B.5
C.6
D.8
- 19.Air draft means the _____ from the waterline to the highest point of the vessel.
A.level
B.point
C.limitation
D.height
- 20.The port of sailing means:
A.the port of destination
B.the port of call
C.the port of registry
D.the port of departure
- 21.For anchor operation, “up and down” means:
A.the chain is not upright
B.the chain is tight
C.the chain is upright
D.the chain is slack

- 22.無線電中頻（MF）頻率範圍是：
- A.300~3000 KHz
 - B.3~30 MHz
 - C.30~300 MHz
 - D.300~3000 MHz
- 23.船舶掛滿旗的時機，下列何者錯誤？
- A.誌哀日
 - B.國慶日
 - C.航海節
 - D.新船啓航
- 24.國際信號代碼內，多用於一些緊急或常用訊息的信號是：
- A.單字母
 - B.雙字母
 - C.三字母
 - D.四字母
- 25.在手旗摩斯碼通訊中，表示收信台對發送台的全部信文收妥的最後信號是：
- A.AR
 - B.R
 - C.T T T T
 - D.AA
- 26.When finish with wheel, no more steering or power is required, what abbreviation was used in the log book ?
- A.R. S. E
 - B.F. W. E.
 - C.R. F. A.
 - D.P. O. B
- 27.Datum means the _____ of reference to which all data as to the depth on charts are referenced.
- A.figure
 - B.plane
 - C.data
 - D.point
- 28._____ is defined as the owner or the charterer or whoever enters into a contract with the shipper for the transportation of cargo.
- A.Carrier
 - B.Buyer
 - C.Forwarder
 - D.Consignee
- 29.Which of the following spaces are not prohibited areas for passengers ?
- A.Navigating bridge
 - B.Saloon, barber shop and shopping center
 - C.Engine room
 - D.Cargo compartments
- 30.船舶無線電台之設置使用，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
- 31.下列關於緊急通信的敘述，何者錯誤？
- A.船舶機件故障
 - B.貨物流失
 - C.醫療援助
 - D.船舶失火
- 32.當無線電中傳來 “All ships in Dover strait, this is Dover coast guard, the information service broadcast, please switch to channel one one, this is Dover coast guard, out” ，下列何者為此信文表示的意義？
- A.所有船舶無線電台應轉至11頻道收聽廣播

- B.呼叫Dover 海防隊，並請其頻道轉至**11**頻道
- C.Dover 海防隊結束呼叫，回復守值**11**頻道
- D.Dover 海防隊呼叫，禁止使用**11**頻道
- 33.若海上搜救單位對「遇險船舶或人員」回答並發出的信號是「已看見你；將儘速前往救助」，則下列何種信號是錯誤的？
- A.發射紅色星簇三枚，每隔一分鐘發射一次
- B.發射三個白色星簇火箭，每隔一分鐘發射一次
- C.三個單獨信號，每隔一分鐘發射一次，此單獨信號由聲音與電光（雷電閃光）組成
- D.橙色煙霧信號
- 34.使用燈號與聲音傳送「摩爾斯信號」時，原則上字組與字組（例如：Boy與Girl）間的時間長度為幾個時間單位？
- A.5
- B.6
- C.7
- D.8
- 35.依據台中港船舶報告制度規定，有關船舶錨泊報告中，“Bravo”字首之後，所應帶入報告之事項為何？
- A.船名
- B.船位
- C.下錨時間
- D.距南方堤燈塔之方位及距離
- 36.依據基隆港港口管制規定，當塔台進出信號字幕顯示“I”時，代表管制之船舶可採取下列何種措施？
- A.進港
- B.出港
- C.加速
- D.減速
- 37.下列關於高雄港第一港口附近的敘述，何者錯誤？
- A.隸屬高雄港交通服務北區
- B.交通管理業務單位之特高頻無線電守值頻道為**14**頻道
- C.交通管理業務單位之特高頻無線電守值頻道為**12**頻道
- D.交通管理業務單位之特高頻無線電守值頻道為**16**頻道
- 38.依據台中港船舶報告制度規定，有關船舶抵達台中港報告中，下列何者不是應報告事項的必要內容？
- 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 “台中港引水站”
- 39.MRCC： Rescue Co-ordination Centre.（依據IMO SMCP）
- A.Merchant
- B.Maritime
- C.Mariner
- D.Marine
- 40.Dangerous goods are carried. Prepare an plan.（依據IMO SMCP）
- A.responsible
- B.emergency
- C.training
- D.must