

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：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.無線電台發射標識第一個符號代表：
 - A.對主載波調變信號之特性
 - B.被傳送信息之型式
 - C.調變信號
 - D.主載波之調變方式
- 2.特高頻（VHF）用於遇險及安全之DSC頻道為：
 - A.CH-16
 - B.CH-70
 - C.CH-75
 - D.CH-76
- 3.GMDSS船舶使用數位選擇呼叫（DSC）傳送遇險信文，其遇險時間是以多少個數字表示？
 - A.2
 - B.4
 - C.6
 - D.8
- 4.數位選擇呼叫（DSC）之遇險呼叫，其呼叫內容應包含幾項信息？
 - A.2
 - B.4
 - C.6
 - D.8
- 5.船舶航行極區可利用何種通信設備接收海事安全資訊（MSI）？
 - A.VHF+DSC
 - B.SART
 - C.HF+NBDP
 - D.INMARSAT-EGC
- 6.摩斯碼，二個字（Word）或字組（Group）的間隔長度是多少個時間單位？
 - A.1
 - B.3
 - C.5
 - D.7
- 7.摩斯碼為“• — — •”，其字母是：
 - A.W
 - B.Y
 - C.Q
 - D.P
- 8.船舶離港，領港下船後，下列敘述何者是正確的？
 - A.各旗幟陸續收回，不再掛旗
 - B.只掛G旗
 - C.只掛船籍國國旗
 - D.只掛港口主權國國旗
- 9.單字母信號的意義“I have a pilot on board.”（我船有引水人在船上）的字母是：
 - A.D
 - B.E
 - C.G
 - D.H
- 10.在摩斯手旗通訊中，表示發送台的信號發完時的最後信號是：
 - A. AR
 - B. R
 - C. TTTT
 - D. AA

11. Do you have a controllable or fix _____ propeller?
A. propulsion
B. blade
C. stern
D. pitch
12. When the Master _____ over the watch to the duty officer, he should say: You have the watch now.
A. taking
B. delivering
C. handing
D. relieving
13. The _____ control and the indicators were out of order. How long did he take to repair it?
A. return
B. respirator
C. remote
D. restore
14. "Dead slow ahead" and "Run full away" are _____ given by the officers or the master.
A. sailing orders
B. standing orders
C. night orders
D. telegraph orders
15. "Nothing to port" means:
A. to put the rudder at midship or only starboard.
B. there is nothing at her port side.
C. Port side has shallow water, keep away from portside.
D. don't put the rudder at port 5-10 degrees.
16. The communication cost of Inmarsat-B "FAX" was charged by _____ in ordinary case.
A. air time by unit: minute
B. air time by unit: second
C. bits or alphabet
D. Internet service provider
17. 下列那一組掛旗可表示 "方位115度" ?
A. D115
B. T115
C. R115
D. A115
18. 依GMDSS規定，救生艇筏上之VHF雙向通信設備至少多久必須測試一次？
A. 半個月
B. 一個月
C. 二個月
D. 三個月
19. 國際海上人命安全公約的英文簡寫是：
A. SOALS
B. SLAOS
C. SOLAS
D. SAOLS
20. One of the most important distress signals is a signal sent by radiotelephone consisting of the spoken word "_____".
A. Security
B. Attention
C. MAYDAY
D. PAN PAN
21. If you are the junior officer for a new ship, which document should be study first?
A. Ballast water operation manual
B. Hydrostatic Table
C. Pumping arrangement
D. General arrangement plan
22. The IMO SMCP _____ the requirements of the STCW Convention, 1978, as revised.

- A.comply
B.fit
C.apply
D.meets
- 23.Drop back (to) means to _____ the distance to the vessel ahead by reducing one' s own speed.
A.stop
B.increase
C.limit
D.reduce
- 24.Inoperative means not _____.
A.work
B.operation
C.functioning
D.perform
- 25.Your course is _____ from the RADAR reference line.
A.adjacent
B.left
C.depart
D.deviating
- 26.Chief officer checks the liferafts and report to the bridge that all liftrafts are in _____ and operational.
A.package
B.position
C.bag
D.location
- 27.依據無線電波傳播特性，下列何種頻帶是以地波傳送為主？
A.極高頻帶（UHF）
B.中頻帶（MF）
C.高頻帶（HF）
D.特高頻帶（VHF）
- 28.依GMDSS系統之規定，船舶航行於極區，必須設置下列何種設備才能接收海事安全資訊？
A.NAVTEX Receiver
B.VHF + DSC
C.HF + NBDP
D.INMARSAT-C
- 29.船舶利用COSPAS-SARSAT系統發出遇險求救，問下列何者為該遇險警報信號的正確流程？
A.EPIRB→CRS→MCC→RCC
B.EPIRB→RCC→MCC→LUT
C.EPIRB→RCC→LUT→MCC
D.EPIRB→LUT→MCC→RCC
- 30.下列何者為我國基隆港使用作為引水作業及港埠備用頻道之特高頻無線電頻道？
A.16
B.14
C.12
D.11
- 31.當船舶航行接近港口，即船舶航行在「船舶資訊服務區域」內時，應該打開特高頻無線電話機，守聽：
A.16頻道
B.14頻道
C.13頻道
D.12頻道
- 32.「援救直昇機」投放一個「信號匣艙」後，若「遇難船舶」明瞭其信號意義，則可以摩爾斯燈號或聲號傳送代碼，下列何種代碼最為正確？
A.T或K
B.T或U
C.T或R
D.T或C

- 33.日本偷襲美國珍珠港，爲避免洩漏任何情資，嚴格規定通訊方法，以「靜音方式」傳送船艦間之信息。則白天宜以下列何種方式傳送信息？
- A.燈光通信
 - B.煙火信號
 - C.無線電通信
 - D.旗號或手旗通信
- 34.下列有關基隆港濃霧期間，船舶進、出港管制的敘述，何者正確？
- A.日間，由塔台無法目視東防波堤助航燈桿輪廓時，暫停進、出港作業
 - B.夜間，由塔台無法目視東防波堤助航燈桿輪廓時，暫停進、出港作業
 - C.瞬間濃霧產生時，已進行進、出港作業之船舶，由塔台管制人員協助，導引船舶避航
 - D.日間，能見度5浬時，暫停進、出港作業
- 35.根據國際海事組織標準船舶報告制度（SRS），“E（Echo）”字首之後應報告之內容爲何？
- A.船位
 - B.船速
 - C.真航向
 - D.目的港
- 36.Rig move：The _____ of an oil rig, drilling platform, etc., from one position to another.（依據IMO SMCP）
- A.shift
 - B.move
 - C.movement
 - D.transfer
- 37.OSC：On-_____ Co-ordinator：A person designed to co-ordinate search and rescue operations within a specified area.（依據IMO SMCP）
- A.Site
 - B.Search
 - C.Scene
 - D.Spilling
- 38.A：Can you proceed?
B：Yes, I can _____.（依據IMO SMCP）
- A.proceeding
 - B.proceed
 - C.proceeded
 - D.be proceeded
- 39._____ are official vector nautical charts. When displayed on ECDIS equipment they are equivalent to paper charts.
- A.ARCS
 - B.ENC
 - C.RCDS
 - D.RNC
40. Every vessel shall _____ maintain a proper look-out by sight and hearing as well as by all available means appropriate in the prevailing circumstances and conditions so as to make a full appraisal of situation and of the risk of collision.
- A.at all times
 - B.often
 - C.sometimes
 - D.usually