

(远洋船长、大副、二/三副)



HANGHAI YINGYU

航海英语

MONI LIANXITI 模拟练习题

王建平 李新江 吕弘 编著



大连海事大学
出版社

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内容提要

本书系按中华人民共和国海事局《海船船员适任证书考试和评估大纲》中的无限航区船舶船长、大副和二/三副航海英语考试大纲选编的模拟练习题。编写中,我们参考了大连海事大学、上海海运学院及其他院校编写的有关培训教材和习题集,并且收录了美国、加拿大、英国和其他一些国家船员考试中的部分试题。

本书主要为参加无限航区船舶船长、大副、二副和三副的考证人员而编写,也可作为港航企事业各级管理人员、航海院校师生自学航海英语的参考用书。

MAY 14 / 06

编者的话

本书根据中华人民共和国海事局《海船船员适任证书考试和评估大纲》关于无限航区船舶船长、大副、二副和三副的航海英语考试大纲的要求编写而成。

本书的主要作者十几年来一直从事航海英语的教学与培训工作，编写和出版了大量著作，积累了大量资料。本书收录的试题主要参考下述几方面的资料：

1. 我国历年海船船员考试的英语试题；
2. 美、加、英、日等国家船员考试的部分试题；
3. 大连、上海考试培训中心历年教学中的部分试题；
4. 作者新编的试题；
5. 作者多年来出版的著作。

本书的试题是对我们所编写的教材的补充，主要供船员和在校学生参加考试复习之用。由于水平有限并且工作繁忙，错漏之处难免，恳请广大船员和有关教师指正。

编著者

2001年12月于大连

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第一部分 远洋船长模拟练习题

第 1 套题

- _____ means any person by whom or in whose name or on whose behalf a contract of carriage of goods by sea has been concluded with a carrier, or any person by whom or in whose name or on whose behalf the goods are actually delivered to the carrier in relation to the contract of carriage of goods by sea.
A. Shipper B. Charterer C. Shipowner D. Carrier
- _____ the abstracts of deck logbook covering the said accident.
A. Attached herewith are B. Attached is herewith
C. Attached are hereby D. Hereby are attached
- An officer if desires of availing a part of his _____ in a country other than the country of his residence may do so at his own expense and responsibility.
A. stay B. leave C. days D. keep
- An oil tanker with dedicated clean ballast tanks shall have adequate tank capacity dedicated solely to the carriage of _____ as defined.
A. clean ballast B. crude oil C. fresh water D. fuel oil
- In all cases, however, the capacity of segregated ballast tanks shall be _____ such that, in any ballast condition at any part of the voyage, including the conditions consisting of lightweight plus segregated ballast only, the ship's draughts and trim can meet the necessary requirements.
A. at least B. at most C. so big as D. as large as
- Portable foam type fire extinguishers are most effective on _____.
A. mattress fires B. oil fires C. wood fires D. All of the above.
- Quadrantal error in a gyrocompass has its GREATEST effect _____.
A. in high latitudes B. near the equator
C. on north or south headings D. on intercardinal headings
- Records which must be retained on board after report of casualty to a vessel include the _____.
A. voyage reports B. hull reports
C. machinery repair record book D. deck equipment log
- Relative humidity is the percentage of water vapor that is in the air as compared to the maximum amount it can hold at _____.
A. a specific barometric pressure B. a specific temperature

C. a specific wind speed D. any time

10. Safety goggles or glasses are NOT normally worn when _____.
- A. using a rotary grinder with an installed shield
 - B. letting go the anchor
 - C. handling wire rope or natural fiber line
 - D. painting with a spray gun
11. Separation cloths may be used to _____.
- A. absorb moisture from hygroscopic cargoes
 - B. fill gaps between layers of cargo
 - C. wrap cargo that leaks from packaging
 - D. keep bagged cargo leakage from contacting the deck
12. Severe tropical cyclones (hurricanes, typhoons) occur in all warm-water oceans except the _____.
- A. Indian Ocean
 - B. North Pacific Ocean
 - C. South Pacific Ocean
 - D. South Atlantic Ocean
13. Shifting weight aft in heavy weather will reduce the tendency to yaw, but may increase the tendency to _____.
- A. be pooped
 - B. pitchpole
 - C. broach
 - D. squat
14. Sidereal time is NOT used _____.
- A. as the basis for star charts
 - B. to enter a star finder
 - C. in sight reduction using Pub 249
 - D. in sight reductions of planet observations
15. Sidewise force of the propeller tends to throw a vessel's stern to the right or left, depending on rotation. This force is caused by _____.
- A. back current from the rudder
 - B. greater pressure on the right or left side of the propeller, depending on rotation
 - C. lower pressure on the right or left side of the propeller, depending on rotation
 - D. torque from the velocity and angle at which the surrounding water impinges upon the propeller blades
16. Sign(s) of respiratory arrest requiring artificial respiration is(are) _____.
- A. vomiting
 - B. blue color and lack of breathing
 - C. irregular breathing
 - D. unconsciousness
17. Signals between an icebreaker and an assisted vessel may NOT be given by _____.
- A. whistle
 - B. flag hoist
 - C. radiotelephone
 - D. radiotelegraph
18. Signs of racking stresses generally appear at the _____.

- A. bow and stern shell frames and plating
 - B. junction of the frames with the beams and floors
 - C. garboard strake, at each side of the keel
 - D. thrust bearing of the main shaft
19. Since accumulations of H₂S gas on a vessel can be dangerous to personnel, it is important to know that H₂S gas is _____.
- A. lighter than air
 - B. heavier than air
 - C. a yellow gas that is easily recognized
 - D. mildly toxic
20. Since electrical burn victims may be in shock, the FIRST medical response is to check for _____.
- A. indication of broken bones
 - B. breathing and heartbeat
 - C. symptoms of concussion
 - D. bleeding injuries
21. Small floes of rough, hummocky sea ice capable of damaging a vessel _____.
- A. can usually be detected by radar in a smooth sea at a range of 4 to 6 kilometers
 - B. are indistinguishable from sea return on the PPI
 - C. are invisible to radar when covered with a thick layer of snow
 - D. are usually seen at night before they are close enough to provide a radar echo
22. Small oil spills on deck can be kept from going overboard by _____.
- A. driving wooden plugs into the vents
 - B. closing the lids on the vents
 - C. plugging the scuppers
 - D. plugging the sounding pipes
23. Small quantities of flammable liquids needed at a work site should be _____.
- A. used only under the supervision and direction of a ship's officer
 - B. tightly capped and stowed with other tools near the job site when securing at the end of the day
 - C. used only when a pressurized fire hose is laid out ready for immediate use
 - D. in a metal container with a tight cap
24. Snow has obliterated surface features and the sky is covered with uniform, altostratus clouds. There are no shadows and the horizon has disappeared. What is this condition called?
_____.
- A. Ice blink
 - B. Whiteout
 - C. Water sky
 - D. Aurora reflection
25. SOLAS requires a lifesaving training manual be provided in each crew cabin or in the _____.
- A. bridge
 - B. engineering control station
 - C. recreation and messrooms
 - D. fire control room

26. Solid green arrows on the main body of a pilot chart indicate _____.
- prevailing wind directions
 - prevailing ocean current directions
 - probable surface current flow
 - shortest great circle routes
27. Some locations maintain a zone time of -13. What are the zone time and date if the Greenwich time and date are 2152, 10 January? _____.
- | | |
|---------------------|---------------------|
| A. 1052, 9 January | B. 0852, 10 January |
| C. 1052, 10 January | D. 1052, 11 January |
28. Sometimes it is desirable to connect a member both by riveting and welding. Which statement is TRUE concerning this procedure? _____
- Tearing through the member is more likely in this type connection.
 - The weld may be broken by the stresses caused by riveting.
 - The weld increases the tensile stress on the rivet heads.
 - The welding must be completed before the riveting commences.
29. Spaces protected by a fixed CO₂ system must be equipped with an alarm which sounds _____.
- for the first 20 seconds CO₂ is being released into the space
 - for at least 20 seconds prior to release of CO₂
 - during the entire period that CO₂ is being released
 - if all doors and ventilation are not secured
30. Spring tides occur _____.
- when the moon is new or full
 - when the moon and sun have declination of the same name
 - only when the moon and sun are on the same sides of the Earth
 - at the beginning of spring when the sun is over the equator
31. Starting motors, generators, and other spark producing devices should be mounted as high above the bilges as possible to _____.
- keep them dry when the bilges are full of water
 - keep them cool when the vessel is underway
 - make them more accessible for repairs
 - prevent accidental ignition of any gasoline vapors that may have accumulated in the bilges
32. Steady precipitation is typical of _____.
- | | |
|-----------------------------------|-----------------------------------|
| A. coming cold weather conditions | B. a warm front weather condition |
| C. high pressure conditions | D. scattered cumulus clouds |
33. Steam smoke will occur when _____.
- extremely cold air from shore passes over warmer water

- B. warm dry air from shore passes over cooler water
 - C. cold ocean water evaporates into warm air
 - D. cool rain passes through a warm air mass
34. Storage batteries on T-Boats must be located _____.
- A. in sight of the main engine(s)
 - B. in a tray lined with suitable material that resists damage from the electrolyte
 - C. in locked closets with restricted ventilation
 - D. near the bilge to lower the center of gravity and improve stability
35. Stormy weather is usually associated with regions of _____.
- A. high barometric pressure
 - B. low barometric pressure
 - C. steady barometric pressure
 - D. changing barometric pressure
36. Stretchers are fitted in lifeboats to provide a _____.
- A. place for people to lie down
 - B. means for rigging the sail
 - C. place for rowers to brace their feet
 - D. suitable means for water to drain below the footings
37. Subtracting GM from KM yields _____.
- A. BL
 - B. GMT
 - C. FSCT
 - D. KGT
38. Subtracting the height of the center of gravity corrected for transverse free surface effects from the height of the transverse metacenter of a vessel yields _____.
- A. GM
 - B. GMT
 - C. KGT
 - D. KMT
39. Survival practice in the mooring system is to slack off the tensions on the leeward side and _____.
- A. deballast the unit to transit draft
 - B. adjust as evenly as practical the windward tensions
 - C. release the anchors on the windward side
 - D. tighten the anchor buoys on the leeward side anchors
40. Symptoms of heat stroke are _____.
- A. cold and moist skin, high body temperature
 - B. cold and dry skin, low body temperature
 - C. hot and moist skin, high body temperature
 - D. hot and dry skin, high body temperature
41. Symptoms of sugar diabetes include _____.
- A. increased appetite and thirst
 - B. decreased appetite and thirst
 - C. gain in weight
 - D. elevated temperature
42. Tensile stress is a result of two forces acting in _____.
- A. opposite directions on the same line, tending to pull the material apart
 - B. opposite directions on the same line, tending to compress the object

- C. opposite directions along parallel lines
 D. the same direction along parallel lines
43. The abandoned lighthouse at Cape Henry is a(n) _____.
- A. octagonal, black and white tower B. black skeleton structure
 C. mound of broken rubble D. grey, pyramidal tower
44. The above mentioned ship has been duly _____ in accordance with the provisions of the convention referred to.
- A. relayed B. delayed C. conveyed D. surveyed
45. The Agreement shall commence _____ a satisfactory Medical Report by a doctor nominated by the Company.
- A. on the part of B. in lieu of C. subject to D. in accordance with
46. The airborne concentrations of substances (such as H₂S) under which nearly all workers may be repeatedly exposed without adverse effects are called _____.
- A. exposure limits B. concentration limits
 C. threshold limit values D. substance limit values
47. The all-purpose nozzle will produce a fog spray when you _____.
- A. pull the nozzle handle all the way back toward the operator
 B. pull the nozzle handle back to a position where the handle is perpendicular to the plane of the nozzle
 C. push the nozzle handle forward as far as it will go
 D. insert a fog applicator between the fire hose and nozzle
48. The altitude at LAN may be observed by starting several minutes in advance and continuing until a maximum altitude occurs. This procedure should not be used _____.
- A. when the declination and latitude are of different names
 B. when the declination is greater than and the same name as the latitude
 C. if the vessel is stopped or making bare steerageway
 D. on a fast vessel on northerly or southerly headings
49. The American Petroleum Institute recommends that a new anchor chain should be inspected after being in service for _____.
- A. 1 year B. 3 years C. 5 years D. 10 years
50. The anchors should be dropped well out from the pier while at a Mediterranean moor to _____.
- A. eliminate navigational hazards by allowing the chain to lie along the harbor bottom
 B. increase the anchor's reliability by providing a large catenary in the chain
 C. permit the ship to maneuver in the stream while weighing anchors
 D. prevent damage to the stern caused by swinging against the pier in the approach
51. The angle at which the fluke penetrates the soil is called the _____.
- A. tripping angle B. fluke angle C. penetration angle D. holding angle

52. The angle between the flukes and the shank of an anchor is called the _____.
- A. holding angle B. fleet angle C. fluke angle D. shank angle
53. The angle of maximum righting arm corresponds approximately to the angle of _____.
- A. deck edge immersion B. the load line C. down flooding D. loll
54. The annual change in variation for an area can be found in _____.
- A. the handbook for Magnetic Compass Adjustment, Pub 226
 B. the center of the compass rose on a chart of the area
 C. the compass deviation table
 D. Variation does not change.
55. The annual survey for endorsement of a Load Line Certificate must be held within _____.
- A. the three month period immediately following the certificate's anniversary date
 B. the three month period immediately preceding the certificate's anniversary date
 C. three months either way of the certificate's anniversary date
 D. the three month period centered on the certificate's anniversary date
56. The apparent wind is zero when the true wind is _____.
- A. zero
 B. from ahead and equal to the ship's speed
 C. from astern and equal to the ship's speed
 D. from astern and is twice the ship's speed
57. The appearance of nimbostratus clouds in the immediate vicinity of a ship at sea would be accompanied by which of the following conditions? _____
- A. Rain and poor visibility.
 B. Dropping barometric pressure and backing wind in the Northern Hemisphere.
 C. High winds and rising sea.
 D. Severe thunderstorms.
58. The area of strong westerly winds occurring between 40°S and 60°S latitude is called the _____.
- A. polar easterlies B. prevailing westerlies C. roaring forties D. jet streams
59. The atmosphere in a tank is too rich when it is _____.
- A. incapable of supporting combustion because the hydrocarbon vapor content makes the atmosphere below the LFL (Lower Flammable Level)
 B. capable of supporting combustion
 C. in a noncombustible state which can be relied on to occur naturally on a regular basis
 D. incapable of supporting combustion because the hydrocarbon vapor content makes the atmosphere above the UFL (Upper Flammable Limit)
60. The average height of the surface of the sea for all stages of the tide over a 19 year period is called _____.

A. mean high water B. mean low water C. half-tide level D. mean sea level

61. The belt of light and variable winds between the westerly wind belt and the northeast trade winds is called the _____.
- A. subtropical high pressure belt B. intertropical convergence zone
C. doldrums belt D. polar frontal zone
62. The best estimate of the wind direction at sea level can be obtained from observing the direction of the _____.
- A. cloud movement B. vessel heading C. waves D. swells
63. The best information on the location of the blocks when drydocking a vessel is contained in the _____.
- A. shell expansion plan B. docking diagram
C. ship's docking plan D. general arrangement plan
64. The best information on the nature and extent of damage to the vessel is obtained from _____.
- A. alarms and monitoring devices B. the engine room watch
C. personnel at the scene of the damage D. the bridge watch
65. The best method of determining if a vessel is dragging anchor is to note _____.
- A. the amount of line paid out
B. how much the vessel sheers while at anchor
C. any change in the tautness of the anchor chain
D. changes in bearings of fixed objects onshore
66. The best method to secure a tow line to a cleat is to _____.
- A. take a turn around the cleat, then figure-eights, and a half-hitch
B. make figure-eights, followed by a half-hitch, then a figure-eight knot
C. take a turn, a half turn, and a figure-eight
D. take several turns around the cleat only
67. The best method to secure a towline to bitts is to _____.
- A. take a round turn on the bitt farthest from the pull and use figure-eights
B. take a round turn on the bitt closest to the pull and use figure-eights
C. use figure-eights and take a round turn at the top of the bitts
D. use only figure-eights
68. The best method to stop a vessel from dragging anchor in a sand bottom is to _____.
- A. reduce the length of the cable
B. pay out more anchor cable
C. back the engines
D. swing the rudder several times to work the anchor into the bottom
69. The best time to work a boat into a slip is _____.
- A. when the wind is against you

- B. with the current setting against you
 C. at slack water
 D. with a cross current
70. The best treatment for preventing traumatic shock after an accident is to _____.
 A. have the victim exercise to increase circulation
 B. keep the victim from electrical equipment
 C. keep the victim warm and dry while lying down
 D. apply ice packs and avoid excitement
71. The biggest problem encountered when towing bridle legs are too short is _____.
 A. retrieval
 B. adjusting tension
 C. excessive strain
 D. hookup to main towline
72. The biggest problem you generally encounter while towing a single tow astern is _____.
 A. the catenary dragging on the bottom
 B. swamping of the tow
 C. the tow tending to dive
 D. yaw
73. The blue colored inlet below Grand Gulf Island Light (404.9 AHP) is a _____.
 A. reservoir
 B. fish hatchery
 C. turning basin
 D. dry dock
74. The boat is stowed on the davit rather than on a cradle with which type of davit? _____.
 A. Crescent.
 B. Sheath-screw boom.
 C. Quadrantal.
 D. Radial.
75. The boom stops are installed on an offshore crane to _____.
 A. prevent the boom from being raised too high
 B. prevent the boom from swinging
 C. support the boom when not in use
 D. prevent the boom from being lowered
76. The Captain of the Port has closed to navigation, and buoyed, a section of a harbor. These buoys would be painted _____.
 A. red or green to conform with the other lateral aids
 B. red and green horizontally-striped
 C. solid yellow
 D. white with orange marks
77. The carburetor is placed on the engine to _____.
 A. distribute the gasoline
 B. mix the fuel and air
 C. properly lubricate the engine
 D. assist in priming the cylinders
78. The catenary in a towline is _____.
 A. a short bridle
 B. the downward curvature of the hawser
 C. another name for a pelican hook
 D. used to hold it amidships
79. The celestial coordinate of a star that is relatively constant in value is the _____.
 A. Greenwich hour angle
 B. local hour angle

- C. sidereal hour angle D. meridian angle
80. The central longitudinal structural hull strength member of the lower hulls of semisubmersible MODEL VESSEL's is called the _____.
A. stress plate B. keel C. rider plate D. main beam
81. The Certificate of Inspection for a container ship _____.
A. is issued by the Coast Guard and is usually valid for 2 years
B. must be posted under transparent material near the officers' licenses
C. lists all of the stability limitations and conditions imposed on the vessel
D. shows the due date of the quadrennial test of the cargo gear
82. The Certificate of Inspection for your tankship authorizes the carriage of grade A and lower products. Which chemical may NOT be carried unless it is specifically endorsed on the Certificate of Inspection? _____
A. Amylene. B. Diisobutyl Phthalate. C. Oleic acid. D. Vinyl acetate.
83. The change in the length of day becomes greater as latitude increases because of the _____.
A. inclination of the diurnal circle to the equator
B. decreasing distance between the terrestrial meridians
C. increased obliquity of the celestial sphere
D. changing distance between the Earth and the sun
84. The change in trim of a vessel may be found by _____.
A. dividing the trim moments by MTI
B. subtracting the LCF from the LCB
C. looking at the Hydrostatic Properties Table for the draft of the vessel
D. dividing longitudinal moments by the displacement
85. The chart indicates the variation was $3^{\circ}45' W$ in 1988, and the annual change is decreasing $6'$. If you use the chart in 1991 how much variation should you apply? _____
A. $3^{\circ} 27' W$. B. $3^{\circ} 27' E$. C. $4^{\circ} 03' W$. D. $4^{\circ} 03' E$.
86. The chart symbol at LAT $24^{\circ}53.0' N$, LONG $80^{\circ}34.5' W$ indicates _____.
A. a wreck which is always visible above the sounding datum
B. the exact location of a wreck which is dangerous to surface navigation
C. the approximate location of a wreck dangerous to surface navigation
D. a submerged rock with less than 11 Fathoms of water over it
87. The chart symbol surrounding Saybrook Breakwater Light warns mariners that the navigational light structure is _____.
A. no longer maintained B. protected by riprap
C. privately maintained D. awash at high tide
88. The charted channel depth at Eastport, ME, is 28 feet. You are drawing 31.5 feet and wish 2 feet clearance under the keel. What is the earliest time after 1700 DST (ZD +4), on 6