

中华人民共和国海事局
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科目：航海英语 试卷代号：903

适用对象：无限航区，近洋航区船舶二、三副

（本试卷卷面总分 100 分，及格分数 70 分，考试时间 100 分钟）

答题说明：请选择一个最合适的答案，并将该答案按答题卡要求，在相应位置上用 2B 铅笔涂黑。第 1 题至 88 题，每题 1 分，第 89 题至 96 题，每题 1.5 分。

- 1 You will find information about the duration of slack water in the___.
A. **Tidal Current Tables** B. Tide Tables
C. American Practical Navigator D. Sailing Directions
- 2 When a buoy is in position only during a certain period of the year, where may the dates when the buoy is in position be found?
A. **Light List** B. Notice to Mariners
C. On the chart D. Coast Pilot
- 3 A line of position from a celestial observation is a segment of a _____.
A. **circle of equal altitude** B. parallel of declination
C. parallel of altitude D. vertical circle
- 4 In very high latitudes, the most practical chart projection is the___.
A. Mercator B. gnomonic
C. azimuthal **D. Lambert conformal**
- 5 Place names used on board ships should be those _____.
A. specified by international authorities
B. specified by national authorities
C. on standard map
D. on the chart or Sailing Directions in use
- 6 Charted depth is the _____.
A. vertical distance from the chart sounding datum to the ocean bottom, plus the height of tide
B. vertical distance from the chart sounding datum to the ocean bottom
C. average height of water over a specified period of time
D. average height of all low waters at a place
- 7 The changes in the channel's sands and buoys on this coast are _____ this chart can not be considered as a safe guide of the channel.
A. frequent B. so frequent
C. frequent that **D. so frequent that**
- 8 Defense plans may cause the operation of electronic aids to navigation to be suspended with _____.
A. **no notice** B. one day's notice
C. a week's notice D. thirty (30) days notice
- 9 Owing to old data of the survey the positions and number of the beacons shown on this chart are not to be _____.
A. considered B. insured
C. relied upon D. suspected

- 10 All entries in Logbook, _____ made, must not be erased or amended.
A. once B. whether
C. previous D. just
- 11 The Master or person in charge of a ship is required to log _____.
A. the names of all persons on board
B. only the names of the crew members on board
C. only the names of passengers on board
D. information on emergency training drills
- 12 The vessel was drifted off from her _____ due to strong wind.
A. course B. track
C. direction D. trend
- 13 If you do not wear goggles and helmet, your chances of being _____ will be greater.
A. beaten B. damaged
C. hurt D. stricken
- 14 With regard to the opening and closing of watertight integrity appliances not fitted with a remote operation control or alarm system, what must the Master or person in charge of a ship enter in the logbook?
A. The time required to close the appliances
B. The reason for opening or closing each appliance
C. The name of the person performing the opening and closing of such appliances
D. The fact that the hull indicators functioned or not
- 15 The fire-protected lifeboats are found _____.
A. being satisfied B. satisfying
C. satisfactory D. satisfied
- 16 You are on watch and the Pilot has the conn. The Master has temporarily gone below. The Pilot orders a course change, which you are certain, will put the vessel into imminent danger. Your first action should be to _____.
A. countermand the order and immediately notify the Master
B. make an appropriate entry in the deck log concerning the Pilot's order
C. immediately call the Master and wait further orders from him
D. immediately sound a short ring on the general alarm
- 17 How many operators are needed / required on board according to the provisions of the International Convention for the Safety of Life at Sea, 1974? _____.
A. 4 operators B. 3 operators
C. 2 operators D. 1 operator
- 18 In _____ convention, a vessel which carries more than 12 passengers shall be deemed as a passenger ship.
A. COSCO B. STCW C. SOLAS D. MARPOL
- 19 During fueling, all doors, hatches, and ports _____.
A. to windward should be opened and the ones to leeward should be closed
B. to leeward should be opened and the ones to windward should be closed
C. should be opened
D. should be closed

- 20 The person on a ship who is responsible for maintaining the engine spaces in clean and sanitary condition is the ____.
- A. Master, or person in charge
 - B. Chief Engineer, or engineer in charge if no chief engineer is required**
 - C. Senior mechanic, or mechanic on duty if no senior mechanic designated
 - D. Senior electrician, or electrician on duty if no senior electrician designated
- 21 LIFTING THE ANCHOR FROM THE BOTTOM is called ____.
- A. broaching the anchor
 - B. shifting the anchor
 - C. walking the anchor
 - D. weighing the anchor**
- 22 If you shorten the scope of anchor cable, your anchor's holding power ____.
- A. decreases**
 - B. increases
 - C. remains the same
 - D. has no relation to the scope
- 23 A spring line is a ____.
- A. any wire rope used for mooring
 - B. a fire-warp
 - C. a mooring line running diagonally to the keel**
 - D. a mooring line perpendicular to the keel
- 24 Vessel towing with the current shall ___ tow more than two boats and they must be towed alongside.
- A. at times
 - B. at any time
 - C. at no time**
 - D. at moment
- 25 If a vessel under tow starts jumping on its tow line, the most appropriate action to alleviate the condition is to ____.
- A. change course
 - B. slow down
 - C. heave to
 - D. adjust tow line length**
- 26 You are heading in a northerly direction when you come across an easterly current. Your vessel will ____.
- A. be pushed to starboard**
 - B. be pushed to port
 - C. decrease in engine speed
 - D. remain on course
- 27 Vessels shall be deemed to be in sight of one another only when one _____ from the other.
- A. can be observed visually**
 - B. can be observed by radar
 - C. can be located on the radar
 - D. can be heard.
- 28 Which vessel is underway according to the Rules?
- A. a vessel made fast to a single point mooring buoy
 - B. a purse seiner hauling her nets**
 - C. a pilot vessel at anchor
 - D. a vessel which has run aground
- 29 Every vessel shall proceed at a safe speed _____ the prevailing circumstances and conditions.
- A. appropriate to**
 - B. used by
 - C. liable to
 - D. adaptation to
- 30 Two vessels are approaching each other near head on. What action should be taken to avoid collision? ____.
- A. The first vessel to sight the other should give way.
 - B. The vessel making the slower speed should give way.
 - C. Both vessels should alter course to starboard.**
 - D. Both vessels should alter course to port.

- 31 An anchored vessel on pilotage duty must show which light(s) at night?
 A. A sternlight only B. Anchor lights only
 C. A white light over a red light only **D. A white light over a red light and anchor lights**
- 32 The positions and characteristics of lights and buoys shown within the port area are ____.
A. untrue B. impossible C. suspicious D. unimportant
- 33 You should plot your dead reckoning position ____
A. form every fix or running fix B. from every estimated position
 C. every three minutes in pilotage waters D. only in pilotage waters
- 34 During daylight savings time the meridian used for determining the time is located farther _____.
 A. west in west longitude and east in east longitude
 B. east in west longitude and west in east longitude
 C. west
D. east
- 35 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
- 36 When reversing, the tidal stream will have a period with little or no effect. This is called the _____.
 A. Rise B. Range **C. Slack** D. Spring
- 37 The mean draft of a ship is the draft ____
 A. midway between the forward and aft draft marks
B. at the center of flotation
 C. at the load line
 D. at the center of buoyancy
- 38 A semisubmersible which will not remain upright and will assume a list either to port or starboard is likely to have _____.
 A. a large TCG **B. a negative GM** C. excessive ballast D. insufficient deck load
- 39 If the metacentric height is large, a floating vessel will _____.
 A. be tender B. have a slow and easy motion
C. be stiff D. have a tendency to yaw
- 40 The productivity of working shifts can be improved through a decrease of _____.
 A. working hours B. gangs **C. idle time** D. weight per set
- 41 The necessity of the segregation of cargoes is determined by _____.
 A. experience from practice **B. various types of cargoes**
 C. different types of ships D. personal abilities
- 42 The Master or person in charge of a ship shall ensure the crane record book shows _____.
 A. the name of the crane operator B. an entry each time the crane is used
C. date and result of each rated load test D. the time of day of the test
- 43 The forward draft of your ship is 27'-11 and the after draft is 29'-03. The draft amidships is 28'-05. Your vessel is _____.
A. hogged B. sagged C. listed D. trimmed by the head

- 44 We'll adopt the mechanical tallying method _____.
A. soon or late B. soon or later C. sooner or late **D. sooner or later**
- 45 Figure of cargo short-landed in _____.
A. dispute B. argue C. debate D. discuss
- 46 As a general rule, tally clerks should make their tallying _____.
A. in warehouses **B. on deck** C. ashore D. in the tallyroom
- 47 Mainly east 3 or 4 partly cloudy to overcast occasional rain _____ slowly south moderate or good.
A. spreading B. proceeding C. bounding for D. going to
- 48 LOW AT 34N 135E ESLY SLWLY INTST NC. This description is most likely to be under the heading of _____.
A. GL WNG **B. GEN SYN** C. STM WNG D. T Y WNG
- 49 Fog is most commonly associated with a(n) _____.
A. warm front at night B. low pressure area
C. anticyclone D. lack of frontal activity
- 50 Cumulonimbus clouds are most likely to accompany a(n) _____.
A. high pressure system **B. cold front**
C. warm front D. occluded front
- 51 The fog produced by warm moist air passing over a cold surface is called _____.
A. conduction fog B. radiation fog C. frontal fog **D. advection fog**
- 52 A DECK, SPACE, AREA, ETC., NOT PERMITTED TO BE ENTERED FOR SAFETY REASONS defines _____.
A. Restricted area B. Closed area C. Prohibited place D. Forbidden place
- 53 For an upright vessel, draft is the vertical distance between the keel and the _____.
A. waterline B. freeboard deck C. plimsoll mark D. amidships section
- 54 Freeboard is measured from the upper edge of the _____.
A. bulkwark **B. deck line** C. gunwale bar D. sheer strake
- 55 The required portable radio apparatus on an international voyage must be stowed in _____.
A. the Master's quarters
B. the ship's office
C. the radio room, bridge, or protected location
D. an unlocked cabinet next to the station bill
- 56 In comparison to electric power, hydraulic power for jacking systems has the advantage of _____.
A. better control capabilities B. less maintenance and repair
C. fewer personnel needed during jacking D. less preload needed
- 57 Limit switches are used on which davits?
A. Sheath-screw davits **B. Gravity davits** C. Radial davits D. Quadrantal davits
- 58 Which ARPA data should you use in order to determine if a close quarters situation will develop with a target vessel?
A. Set and drift of the current
B. Relative track information
C. Predicted time of CPA
D. Initial range of acquisition

- 59 Which statement is TRUE concerning a vessel equipped with operational radar?
A. She must use this equipment to obtain early warning of risk of collision.
B. The use of a radar excuses a vessel from the need of a look-out.
C. The radar equipment is only required to be used in restricted visibility.
D. The safe speed of such a vessel will likely be greater than that of vessels without radar
- 60 _____ is on the panel of radar.
A. KEYLOCK B. REPEATER C. STATIC INVERTER D. ANTI-CLUTTER-SEA
- 61 Which one of the following is correct regarding the use of gyrocompass?
A. gyrocompass does not have to be started before sailing
B. gyrocompass must be stopped when vessel alongside a berth
C. gyrocompass needs to be checked from time to time
D. gyrocompass is not influenced by the latitude and ship's motion
- 62 If the magnetic heading is greater than the compass heading, the deviation is _____.
A. east B. west C. north D. south
- 63 Deviation is the angle between the _____.
A. true meridian and the axis of the compass card
B. true meridian and the magnetic meridian
C. magnetic meridian and the axis of the compass card
D. axis of the compass card and the degaussing meridian
- 64 What is important to remember when using AIS for collision avoidance?
A. AIS may not give a complete picture of the traffic situation
B. AIS is more accurate than ARPA
C. AIS is not as accurate as ARPA
D. AIS is not allowed to be used for collision avoidance
- 65 The GPS satellite orbits the earth in approximately _____.
A. 3 hours B. 6 hours C. 12 hours D. 24 hours
- 66 When the gyro-pilot is used for steering, what control is adjusted to compensate for varying sea conditions?
A. Rudder control B. Sea control
C. Lost motion adjustment D. Weather adjustment
- 67 Which action should you take after sending a false distress alert on VHF?
A. Send a DSC cancellation message on Ch-70.
B. Make a voice announcement to cancel the alert on Ch-16.
C. Make a voice announcement to cancel the alert on Ch-13.
D. Make a voice announcement to cancel the alert on Ch-22A.
- 68 How can the SART's audible tone monitor be used?
A. It informs survivors that assistance may be nearby.
B. It informs survivors when the battery's charge condition has weakened.
C. It informs survivors when the SART switches to the standby mode.
D. It informs survivors that a nearby vessel is signaling on DSC.
- 69 If you receive the signal over radiotelephone of Romeo Papa Tango while using the International Code of Signals, you should _____.
A. report to the caller B. repeat your last transmission
C. continue since he received your last transmission D. end the transmission

- 70 My vessel maneuvering _____ difficulty. Please keep well clear _____ me.
A. with, of B. in, of C. at, apart D. with, from
- 71 If you are transmitting a distress message by radiotelephone you should _____.
A. use English language
 B. always use the International Code
 C. preface it by the word "Interco"
 D. follow the transmission with the radio alarm signal
- 72 What does the abbreviation VHF stand for? _____.
 A. Vessel's Hoisting Flag. B. Very High Safety.
 C. Vessel's Homing Frequency. **D. Very High Frequency**
- 73 On cargo booms, preventers are _____.
A. auxiliary guys B. extra fair leads C. steel bands D. stops
- 74 Nylon line is NOT suitable for _____.
 A. towing **B. lashings** C. stoppers D. mooring lines
- 75 The term STANDING RIGGING refers to _____.
 A. booms and kingposts B. guys and vang
C. stays and shrouds D. topping lifts and cargo runners
- 76 A common class of wire rope used for mooring is the 6x19 class. What does the 6 represent?
 A. Factor of safety B. Number of wires per strand
C. Number of strands per wire rope D. Number of wires in the core
- 77 Paints and solvents on a vessel should be _____.
 A. stored safely in a cool dark non-ventilated area until work is completed
B. resealed and returned to a well ventilated area after each use
 C. covered at all times to protect from ignition sources
 D. stored in a suitable gear locker
- 78 A distress signal _____.
 A. consists of 5 or more short blasts of the fog signal apparatus
 B. consists of the raising and lowering of a large white flag
C. may be used separately or with other distress signals
 D. is used to indicate doubt about another vessel's intentions
- 79 The commander of a rescue unit designated to co-ordinate search and rescue operations within a specified area is the _____.
 A. General commander B. Commander general
 C. Search commander **D. On-scene commander**
- 80 After putting on a self-contained breathing apparatus, you open the air supply and hear a continuous ringing of a bell. What does this mean?
 A. The unit is working properly. B. The face mask is not sealed properly.
C. The air bottle needs to be refilled. D. The air supply hose has a leak.
- 81 A self-contained breathing apparatus is used to _____.
 A. make underwater repairs to barges
 B. determine if the air in a tank is safe for men
C. enter areas that may contain dangerous fumes or lack oxygen
 D. resuscitate an unconscious person

- 90 Coast radio stations generally provide weather information for ships _____. I. in code, II. In a certain language, III. in written form
A. I B. I + II C. II D. I + II + III
- 91 Weather information usually tells people something about weather _____.
 A. afterwards **B. in advance**
 C. at the same time D. when there's bad weather
- 92 Of the following, _____ is not the way for ships to keep away from bad weather.
 A. delaying voyage B. staying in port
 C. speeding up and running away **D. pumping out ballast water**

第二组:

Generally a ship's motion contains components of pitch and roll simultaneously. Both these motions may cause the ship to head first to one side of its course, and then to the other. This is called yawing. When waves are sufficiently large, the whole vessel may be moved vertically up and down; this is called heave. Large waves passing under the ship from one side impart a side-to-side motion known as sway. The movement of the whole ship ahead and astern is called surge. If the ship is under present at any moment and at any particular place on the surface of the sea are complex, because they are the product of large numbers of different wave motions, of different sizes and moving in different directions, so also the motion of the ship is complex, and is the product of components of each of the six ship motions.

- 93 What does yawing mean in the passage? I. Ship's angular motion about vertical axis, II. The ship first moves to one side of its course and then to the other, III. Ship's angular motion about longitudinal axis.
 A. I B. II C. III **D. I or II**
- 94 Which one of the followings about surge is incorrect?
 A. surge is the ship's movement ahead and astern along longitudinal axis
B. surge is caused by duty officers' improper manoeuvring
 C. surge may cause ship's speed increased
 D. surge may cause ship's speed decreased
- 95 Which of the following is the characteristics of waves? I. Waves move in different direction, II. Waves are of different sizes and on the surface of the sea, III. Waves present at any moment.
 A. I B. I + II C. III **D. I + II + III**
- 96 The best title for this passage may be ____
A. ship's motions B. waves and its impact
 C. waves' characteristics D. ship's rolling and pitching