

U.S.C.G. Merchant Marine Exam
Master Uninspected Fishing Vessels
Q180 Deck General
(Sample Examination)

Choose the best answer to the following Multiple Choice Questions.

1. Instructions to the crew in the use of all the ship's lifesaving equipment shall be completed _____.

- (A) within one week of sailing
- (B) within any two month period
- (C) in one month and repeated quarterly
- (D) before sailing

If choice B is selected set score to 1.

2. How many months after its expiration date may a Coast Guard credential be renewed without retaking the complete exam?

- (A) 1 month
- (B) 6 months
- (C) 12 months
- (D) 24 months

If choice C is selected set score to 1.

3. The wire rope used for cargo handling on board your vessel has a safe working load of eight tons. It shall be able to withstand a breaking test load of _____.

- (A) 32 tons
- (B) 40 tons
- (C) 48 tons
- (D) 64 tons

If choice B is selected set score to 1.

4. You are using the anchor to steady the bow while maneuvering. You have the proper scope of anchor cable when the _____.

- (A) scope is not more than 5 times the depth of the water
- (B) bow is held in position with the engines coming slowly ahead
- (C) cable enters the water at an angle between 60° and 85° from the horizontal
- (D) anchor is just touching the bottom

If choice B is selected set score to 1.

5. After casting off moorings at a mooring buoy in calm weather, you should _____.

- (A) go half ahead on the engines and put the rudder hard right
- (B) back away a few lengths to clear the buoy and then go ahead on the engines
- (C) go full ahead on the engine(s)
- (D) go half ahead on the engines and pass upstream of the buoy

If choice B is selected set score to 1.

6. Sweat damage will occur in a cargo hold containing cased machinery when the _____.

- (A) outside air temperature is colder than the temperature of the cargo
- (B) air temperature of the hold is higher than the temperature of the outside air
- (C) dew point of the hold is higher than the temperature of the ship's skin
- (D) dew point of the outside air is lower than the temperature of the cargo

If choice C is selected set score to 1.

7. As a rule, ships of most configurations, when drifting in calm water with negligible current, will lie _____.

- (A) stern to the wind
- (B) beam to the wind
- (C) with the wind on the quarter
- (D) bow to the wind

If choice B is selected set score to 1.

8. When oil is accidentally discharged into the water, what should you do after reporting the discharge?

- (A) Contain the oil and remove as much of it as possible from the water.
- (B) Obtain your permit from the Corps of Engineers
- (C) Throw chemical agents on the water to disperse the oil.
- (D) Throw sand on the water to sink the oil.

If choice A is selected set score to 1.

9. What is a grapnel?

- (A) device for securing a chain topping lift
- (B) type of clam bucket used for discharging bulk cargo
- (C) hook to prevent the anchor cable from slipping
- (D) device used to drag for a submerged cable or line

If choice D is selected set score to 1.

10. You are the Master of a single-screw vessel. You are docking at a port which has no tugs available. You decide to drop the offshore anchor to help in docking. The amount of chain you should pay out is _____.

- (A) equal to the depth of the water
- (B) 1 1/2 to 2 times the depth of the water
- (C) 5 to 7 times the depth of the water
- (D) you should NEVER use the anchor to help in docking

If choice B is selected set score to 1.

11. When instructing a crew member concerning the right way to lift a weight, you would instruct him to _____.

- (A) bend his back and stoop with arms straight
- (B) arch the back to add strength to the muscles
- (C) bend his back and stoop
- (D) bend his knees and lift with his legs

If choice D is selected set score to 1.

12. To coil a left-hand laid rope, you should coil the line in _____.

- (A) either a clockwise or a counterclockwise direction
- (B) a counterclockwise direction only
- (C) an alternating clockwise and counterclockwise direction
- (D) a clockwise direction only

If choice B is selected set score to 1.

13. A Chinese stopper (two lines) will hold best when you _____.

- (A) twist the ends together and hold them at right angles to the mooring line
- (B) twist the ends together and hold them in the direction opposite to the pull
- (C) fasten the bitter ends to the mooring line with half hitches
- (D) twist the ends together and hold them in the direction of the pull

If choice D is selected set score to 1.

14. You have the "conn" at the time the helmsman who is steering by hand reports that the rudder is not responding to the wheel. Your FIRST action should be to _____.

- (A) signal the engineroom to stop the engines
- (B) call the engineroom
- (C) call the Master
- (D) shift the selector switch to the other steering pump

If choice D is selected set score to 1.

15. How many B-II fire extinguishers must be in the machinery space of a 75-foot long fishing vessel propelled by engines with 1200 brake horsepower?

- (A) 1
- (B) 2
- (C) 3
- (D) 4

If choice B is selected set score to 1.

16. The standing part of a tackle is _____.

- (A) the hook that engages the weight to be moved
- (B) that part to which power is applied
- (C) all the fall except the hauling part
- (D) that part of the falls made fast to one of the blocks

If choice D is selected set score to 1.

17. You are a watchstanding mate and have come to the bridge to relieve the watch. After reviewing the chart and having been briefed by the off-going mate, you are now ready to effect the relief. The watch is officially transferred to you after _____.

- (A) the mate being relieved says, "You have the conn" and you state the ship's course
- (B) you say, "I relieve you" and you state the course per gyro and magnetic compasses
- (C) the mate being relieved tells you the vessel's course and speed and states that you have the watch
- (D) you state the vessel's charted position, present course and port of destination

If choice B is selected set score to 1.

18. Which effect does speed through the water have on a vessel which is underway in shallow water?

- (A) A decrease in the speed results in a decrease in steering response and maneuverability.
- (B) A decrease in speed results in the vessel sucking down on an even plane.
- (C) An increase in speed results in the stern sucking down lower than the bow.
- (D) An increase in speed results in the vessel rising on an even plane.

If choice C is selected set score to 1.

19. Which will most likely occur when entering shallow water?

- (A) The vessel's trim will change.
- (B) An increase in speed will occur.
- (C) The vessel's list will change.
- (D) Rudder action will become more effective.

If choice A is selected set score to 1.

20. Your vessel is broken down and rolling in heavy seas. You can reduce the danger of capsizing by _____.

- (A) moving all passengers to the stern
- (B) moving all passengers to one side of the boat
- (C) rigging a sea anchor
- (D) constantly shifting the rudder

If choice C is selected set score to 1.

21. When making way in heavy seas you notice that your vessel's screw is being lifted clear of the water and racing. One way to correct this would be to _____.

- (A) move more weight forward
- (B) increase speed
- (C) shift the rudder back and forth several times
- (D) decrease speed

If choice D is selected set score to 1.

22. In general, an un-reinforced vessel can safely navigate in ice provided the concentration does not exceed how many tenths?

- (A) 6 - 8 tenths
- (B) 4 - 6 tenths
- (C) 9 - 10 tenths
- (D) 1 - 3 tenths

If choice D is selected set score to 1.

23. The distance that a vessel travels from the time that the order to put engines full astern until the vessel is dead in the water is known as _____.

- (A) head reach
- (B) advance
- (C) surge
- (D) transfer

If choice A is selected set score to 1.

24. Which action(s) is/are included in crane operations?

- (A) Removing booms from stowage
- (B) Pre-operation checks and start-up
- (C) Luff, slew, and hoist operations
- (D) All of the above

If choice D is selected set score to 1.

25. "Ice blink" is _____.

- (A) "water sky"
- (B) the yellowish-white glare on the underside of a cloud layer
- (C) the dark appearance of the underside of a cloud layer due to reflection of a surface of open water
- (D) the soft light appearance on the underside of a cloud layer due to reflection from a surface of open water

If choice B is selected set score to 1.

26. Leeway is the _____.

- (A) difference between the true course and the compass course
- (B) lateral movement of a vessel downwind of her intended course
- (C) displacement of a vessel multiplied by her speed
- (D) momentum of a vessel after her engines have been stopped

If choice B is selected set score to 1.

27. In order to reduce your wake in a narrow channel you should _____.

- (A) apply enough rudder to counter the effect of the current
- (B) reduce your speed
- (C) shift the weight to the stern
- (D) change your course to a zigzag course

If choice B is selected set score to 1.

28. Ice concentration is measured in tenths. What concentration range of ice corresponds to "Open Pack"?

- (A) < 1 tenth
- (B) 7 - 8 tenths
- (C) 1 - 3 tenths
- (D) 4 - 6 tenths

If choice D is selected set score to 1.

29. An icebreaker assisting a vessel through an ice field would display a visual signal consisting of the code letter "I" (India) to signify that "_____".

- (A) I am altering my course to starboard
- (B) I am operating astern propulsion
- (C) I am altering my course to port
- (D) My vessel is stopped and making no way through the water

If choice C is selected set score to 1.

30. For operations in pack ice, a vessel should _____.

- (A) be on an even keel
- (B) be ballasted so the forefoot is near the surface
- (C) have a drag of not more than 2 to 3 feet
- (D) be trimmed slightly by the head

If choice C is selected set score to 1.

31. The boom indicator on a crane will indicate the _____.

- (A) lifting capacity of the boom
- (B) direction of the boom
- (C) length of the boom
- (D) angle of the boom

If choice D is selected set score to 1.

32. Given a dry bulb temperature of 78°F and wet bulb temperature of 66.5°F, the dew point is _____.

- (A) 47.0°F
- (B) 51.5°F
- (C) 59.0°F
- (D) 70.0°F

If choice C is selected set score to 1.

33. In reference to accidental oil pollution, the most critical time during bunkering is when _____.

- (A) final topping off is occurring
- (B) hoses are being disconnected
- (C) you first start to receive fuel
- (D) hoses are being blown down

If choice A is selected set score to 1.

34. A precaution you should take before bunkering is to _____.

- (A) plug the sounding pipes
- (B) plug the scuppers
- (C) close the lids on the vents
- (D) plug the vents

If choice B is selected set score to 1.

35. Open ullage holes in tanks which are not gas-free must be protected by _____.

- (A) stop-check valves
- (B) warning signs
- (C) PV valves
- (D) flame screens

If choice D is selected set score to 1.

36. The international body responsible for drafting the convention prohibiting marine pollution (MARPOL) is the _____.

- (A) Association of Seafaring Nations
- (B) International Association of Shipping
- (C) International Maritime Organization
- (D) Maritime Advisory Council

If choice C is selected set score to 1.

37. Most minor spills of oil products are caused by _____.

- (A) human error
- (B) major casualties
- (C) equipment failure
- (D) unforeseeable circumstances

If choice A is selected set score to 1.

38. Each life preserver must be readily accessible to the person for whom it is intended while he or she is _____.

- (A) in his or her berthing area, only
- (B) at work, only
- (C) BOTH at work and in his or her berthing area
- (D) None of the above

If choice C is selected set score to 1.

39. You are on a 92 foot fishing vessel with 35 individuals on board. Which one of the following items are you NOT required to have on board?

- (A) Electronic position fixing device
- (B) VHF radiotelephone
- (C) Gyro compass
- (D) Magnetic compass

If choice C is selected set score to 1.

40. The number of able seamen required on board is stated in the _____.

- (A) Certificate of Inspection
- (B) Classification Certificate
- (C) Solas Certificate
- (D) American Bureau of Shipping code

If choice A is selected set score to 1.

41. You are on a 30,000 DWT tankship engaged in trade to another country signatory to MARPOL 73/78. Which statement is TRUE?

- (A) The Certificate of Inspection is prima facie evidence of compliance with MARPOL 73/78.
- (B) AN IOPP Certificate is renewed at each inspection for certification.
- (C) The IOPP Certificate is valid for 5 years.
- (D) An IOPP Certificate is invalid if the ship carries cargoes outside the classes authorized thereon.

If choice C is selected set score to 1.

42. What is the minimum number of B-II hand portable fire extinguishers required on board a 105 GT uninspected towboat with a 7500 B.H.P. plant (including the machinery space)?

- (A) 6
- (B) 8
- (C) 9
- (D) 11

If choice C is selected set score to 1.

43. Which personal lifesaving device(s) is(are) approved for use on an uninspected towboat 150 feet in length?

- (A) Life preserver
- (B) Buoyant vest or cushion
- (C) Special purpose safety device
- (D) All of the above

If choice A is selected set score to 1.

44. On uninspected vessels which statement is TRUE concerning work vests?

- (A) They need not be of an approved type.
- (B) They must be stowed separately from approved life preservers.
- (C) They may be worn during drills.
- (D) They may be substituted for up to 10% of the required lifesaving gear aboard.

If choice B is selected set score to 1.

45. You are at sea and not in a special area as defined in ANNEX V of MARPOL. How many nautical miles from land must you be to discharge ground garbage that will pass through a one-inch (25 mm) screen into the sea?

- (A) 3 nm
- (B) 25 nm
- (C) 6 nm
- (D) 12 nm

If choice A is selected set score to 1.

46. Providing you are not sailing in the Red Sea or another special area as listed in ANNEX V of MARPOL, how many miles from land must you be to throw garbage including bottles, rags, and glass that has not been ground up into the sea?

- (A) 3 nm
- (B) 6 nm
- (C) 12 nm
- (D) 25 nm

If choice C is selected set score to 1.

47. The Articles of Agreement _____.

- (A) is also known as a Merchant Mariner's Document
- (B) advises the crew of the conditions of employment
- (C) are signed by each crewmember at the end of the voyage
- (D) designates the quarters a seaman will occupy during a voyage

If choice B is selected set score to 1.

48. A copy of the Articles of Agreement, less the signatures, is required to be posted. What is this document called?

- (A) Voyage Agreement
- (B) Shipping Articles
- (C) Forecastle Card
- (D) Articles Copy

If choice C is selected set score to 1.

49. You are the credentialed Master of a 100 GT towing vessel sailing coastwise. What percentage of the deck crew must be able to understand any order spoken by the officers?

- (A) 50%
- (B) 65%
- (C) 75%
- (D) 100%

If choice C is selected set score to 1.

50. A new crewman reports on board. He must be trained in the use of the ship's lifesaving appliances within what time period?

- (A) 1 month
- (B) Before sailing
- (C) 2 months
- (D) 2 weeks

If choice D is selected set score to 1.