

U.S.C.G. Merchant Marine Exam
Master/Chief Mate Unlimited Tonnage
Q101 Deck General - Part A
(Sample Examination)

Choose the best answer to the following Multiple Choice questions.

1. What is NOT a requirement for a salvage claim?

- (a) The property must be in peril.
- (b) The salvors must save or attempt to save any life in peril.
- (c) The salvage service must be voluntary.
- (d) The property saved must be "maritime property."

If choice b is selected set score to 1.

2. When taking a Pilot from a pilot vessel in a seaway, which way should you head your vessel if the ladder is on the leeward side?

- (a) Sea on the quarter with sternway on the ship
- (b) Sea on the weather bow and ship moving ahead slowly
- (c) Bow to the sea and no way on your vessel
- (d) Sea on the lee quarter with ship moving ahead slowly

If choice b is selected set score to 1.

3. 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 operating astern propulsion
- (b) I am altering my course to starboard
- (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.

4. What is the period of validity of a Cargo Ship Safety Equipment Certificate?

- (a) 72 months
- (b) 60 months
- (c) 48 months
- (d) 42 months

If choice b is selected set score to 1.

5. Which statement is TRUE concerning the vessel's slipstream?

- (a) It has no effect on the steering of the vessel.
- (b) Its velocity is the same as that of the wake.
- (c) It has no effect on the rudder when the helm is amidships.
- (d) The propeller gives it a helical motion.

If choice d is selected set score to 1.

- 6.** You are docking a vessel in a slip which has its entrance athwart the tide. You land the ship across the end of the pier, stemming the tide, preparatory to breaking the ship around the corner. You have one tug to assist. Where would you generally tie up the tug?
- (a) Tie her up on the inshore quarter to lift the stern.
 - (b) Have her on a hawser from the stern.
 - (c) Tie her up on the inshore bow to hold the ship off the end.
 - (d) Tie her up on the offshore bow.

If choice d is selected set score to 1.

- 7.** An IOPP Certificate on an inspected vessel is valid for what period of time?
- (a) 6 months
 - (b) 12 months
 - (c) 18 months
 - (d) 5 years

If choice d is selected set score to 1.

- 8.** Particular average is _____.
- (a) loss sustained by only one party
 - (b) charges against all parties in a marine venture to pay for damages
 - (c) the average distance steamed per day over the duration of the voyage
 - (d) claimed after all liens against the vessel are settled

If choice a is selected set score to 1.

- 9.** Who cannot commit the crime of barratry?
- (a) Ship owner
 - (b) Ship's officer(s)
 - (c) Ship's unlicensed crewmember(s)
 - (d) Master

If choice a is selected set score to 1.

- 10.** In the event of an oil spill a report must be made to which of the following entities?
- (a) U.S. Corps of Engineers
 - (b) local fire department
 - (c) U.S. Coast Guard
 - (d) local police

If choice c is selected set score to 1.

11. A condition where two currents meet at the downstream end of a middle bar can be determined by a _____.

- (a) smooth patch of water
- (b) small whirlpool
- (c) V-shaped ripple with the point of the V pointing downstream
- (d) V-shaped ripple with the point of the V pointing upstream

If choice c is selected set score to 1.

12. A clause in the charter party requires a vessel's owner to pay dispatch money when the vessel _____.

- (a) loads and discharges its cargo in less time than specified
- (b) does not load and discharge its cargo in the time specified
- (c) changes berths to expedite loading or discharging
- (d) is not ready to load or discharge cargo

If choice a is selected set score to 1.

13. On an inspected vessel, which abbreviation refers to the horizontal distance between perpendiculars taken at the forward-most and the after-most points on the waterline at her deepest operating draft?

- (a) LBP
- (b) LLL
- (c) LWL
- (d) LOA

If choice a is selected set score to 1.

14. An International Tonnage Certificate will be issued to a vessel when it meets several requirements, one of which is that the vessel must _____.

- (a) be issued a Certificate of Inspection
- (b) engage in intercoastal or international trade
- (c) be 79 or more feet in length
- (d) admeasure over 100 GT

If choice c is selected set score to 1.

15. The primary purpose of a load line is to establish required _____.

- (a) minimum freeboard
- (b) GM
- (c) fresh water allowances
- (d) transverse stability

If choice a is selected set score to 1.

16. Your vessel (185 GT) is on a voyage between New York and San Francisco. Which statement is TRUE?

- (a) This is considered a coastwise voyage.
- (b) The maintenance of an Official Logbook is optional.
- (c) The vessel must be on foreign articles.
- (d) An Official Logbook must be maintained.

If choice d is selected set score to 1.

17. The agency which assigns load lines and issues Load Line Certificates is the _____.

- (a) American Bureau of Shipping
- (b) U.S. Coast Guard
- (c) Secretary of Commerce
- (d) U.S. Customs

If choice a is selected set score to 1.

18. What will be accepted as the shipping papers for an unmanned tank barge but will not be accepted if the tank barge is manned?

- (a) Logbook entry
- (b) Manifest
- (c) Bill of Lading
- (d) Shipping document

If choice a is selected set score to 1.

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

- (a) Throw sand on the water to sink the oil.
- (b) Contain the oil and remove as much of it as possible from the water.
- (c) Throw chemical agents on the water to disperse the oil.
- (d) Obtain your permit from the Corps of Engineers

If choice b is selected set score to 1.

20. You operate a harbor craft on inland waters exclusively. If you regularly service or contact foreign flag vessels in the course of business, which statement is TRUE?

- (a) All contacts with a foreign flag vessel must be reported to the U.S. Coast Guard.
- (b) Your crew must have identification credentials.
- (c) A customs official must be on board when contacting a foreign flag vessel.
- (d) Your vessel must be inspected.

If choice b is selected set score to 1.

21. A seaman dies during a voyage. What is NOT required to be entered into the Official Log?

- (a) An inventory of the money and property
- (b) Statement as to the total deductions to be made from the wages
- (c) Statement of the wages due
- (d) Statement that the Master has taken custody of the deceased's MMD and passport

If choice d is selected set score to 1.

22. The operator of a vessel subject to the pollution regulations shall keep a written record available for inspection by the COPT or OCMI. What will this record contain?

- (a) the date and result of the most recent test on the system relief valves
- (b) the name of each person currently designated as a person in charge
- (c) hose information including the minimum design burst pressure for each hose
- (d) All of the above

If choice d is selected set score to 1.

23. What can be done to prevent small oil spills on deck from going overboard?

- (a) plugging the sounding pipes
- (b) plugging the scuppers
- (c) driving wooden plugs into the vents
- (d) closing the lids on the vents

If choice b is selected set score to 1.

24. A shipper of cargo aboard your vessel offers a letter of indemnity for the cargo. This is done in order to obtain a(n) _____.

- (a) Straight Bill of Lading
- (b) Through Bill of Lading
- (c) Clean Bill of Lading
- (d) Order Bill of Lading

If choice c is selected set score to 1.

25. Which area is designated a special area by Annex V to MARPOL 73/78?

- (a) Sargasso Sea
- (b) Red Sea
- (c) Great Lakes
- (d) Gulf of Saint Lawrence

If choice b is selected set score to 1.

26. After an IOPP Certificate is issued to an inspected vessel, how many other surveys of the vessel's pollution prevention equipment are conducted during the period of validity of the certificate?

- (a) None
- (b) One
- (c) Two
- (d) Three

If choice d is selected set score to 1.

27. The preferred type of pollution control for oil spills on the water is(are) _____.

- (a) booms
- (b) straw
- (c) chemical dispersants
- (d) skimmers

If choice a is selected set score to 1.

28. SOLAS requires a lifesaving training manual be provided in each crew cabin or in the _____.

- (a) fire control room
- (b) bridge
- (c) engineering control station
- (d) recreation and messrooms

If choice d is selected set score to 1.

29. Which document shows the minimum required crew a vessel must have to navigate from one port in the United States to another?

- (a) Certificate of Inspection
- (b) Articles
- (c) Crew List
- (d) Register

If choice a is selected set score to 1.

30. The number of certificated able seamen and lifeboatmen required on a vessel is determined by the _____.

- (a) International Maritime Organization
- (b) American Bureau of Shipping
- (c) Coast Guard
- (d) Corps of Engineers

If choice c is selected set score to 1.

31. The term used in levying customs duties when such are fixed at rates proportioned to estimated value of goods concerned is _____.

- (a) infinite
- (b) specific
- (c) ad valorem
- (d) secure

If choice c is selected set score to 1.

32. Your vessel is in Charleston, S.C. You need not clear Customs if _____.

- (a) you did not discharge any cargo in Charleston and are bound for Panama
- (b) you did not load any cargo in Charleston and are bound for Halifax
- (c) you took on no new cargo in Charleston, S.C. and are bound for Puerto Rico and thence foreign
- (d) all the cargo on board is of U.S. origin and destined for New York

If choice d is selected set score to 1.

33. What is the period of validity of a Safety Management Certificate?

- (a) 48 months
- (b) 36 months
- (c) 42 months
- (d) 60 months

If choice d is selected set score to 1.

34. A majority of the crew requests a survey from the American Consul to determine a vessel's seaworthiness. The vessel is found unfit to continue her intended voyage. The Consul allows the vessel to sail to another port where deficiencies can be corrected. The crew must _____.

- (a) be furnished employment on another vessel returning to the United States which is satisfactory to that crew
- (b) be discharged by the American Consul with additional one month's wages until repairs are made
- (c) comply with the judgment
- (d) be discharged and given first class passage back to the original port of signing on in lieu of one month's wages

If choice c is selected set score to 1.

35. A seaman may have all or part of his wages deposited by allotment to a bank or savings institution. Which of the following is NOT a requirement for this type of allotment?

- (a) The institution must be insured by the FSLIC or FDIC.
- (b) The account must be opened by the seaman and maintained in the seaman's name.
- (c) The account must be either a checking or savings account.
- (d) All of the above are requirements.

If choice c is selected set score to 1.

36. For towing vessels over 100 gross tons that are permitted to maintain a two-watch system, what percentage of the deck crew must be able seamen?

- (a) 50%
- (b) 65%
- (c) 75%
- (d) 100%

If choice a is selected set score to 1.

37. A seaman you have just discharged has a Continuous Discharge Book. Which statement is TRUE?

- (a) If the vessel was on coastwise articles, the record of discharge will be made in the Official Logbook.
- (b) An entry should be made in the book and a Certificate of Discharge issued to the seaman.
- (c) A Certificate of Discharge form should be attached to the book.
- (d) The record of entry in the continuous discharge book shall agree with the entry made in the Ship's Articles.

If choice d is selected set score to 1.

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

- (a) An increase in speed will occur.
- (b) Rudder action will become more effective.
- (c) The vessel's trim will change.
- (d) The vessel's list will change.

If choice c is selected set score to 1.

39. You notice that your speed has decreased, the stern of your vessel has settled into the water, and your rudder is sluggish in responding. The MOST likely cause is _____.

- (a) shallow water
- (b) mechanical problems with the steering gear
- (c) loss of lubricating oil in the engine
- (d) current

If choice a is selected set score to 1.

40. The wheel on the windlass with indentations for the anchor chain is the _____.

- (a) wildcat
- (b) grabber
- (c) pawl
- (d) locking ring

If choice a is selected set score to 1.

41. You are going astern (single-screw, right-handed propeller) with the anchor down at a scope of twice the depth of the water. As the anchor dredges, you should expect the _____.

- (a) stern to walk to port but at a reduced rate
- (b) stern to walk to port at a faster rate than normal
- (c) stern to walk to the same side as the anchor being used
- (d) vessel to back in a straight line

If choice a is selected set score to 1.

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

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

If choice c is selected set score to 1.

43. Which measure should NOT be taken to reduce the pounding of a vessel in a head sea?

- (a) Reduce speed.
- (b) Add ballast forward.
- (c) Add ballast in the after peak.
- (d) Alter course.

If choice c is selected set score to 1.

44. When the period of beam seas equals the natural rolling period of a vessel, what will most likely occur?

- (a) Excessive yawing
- (b) Excessive pitching
- (c) Excessive rolling
- (d) No change should be evident

If choice c is selected set score to 1.

45. 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) constantly shifting the rudder
- (d) rigging a sea anchor

If choice d is selected set score to 1.

46. Which statement about tunnel bow thrusters fitted to large vessels is TRUE?

- (a) They are effective on most vessels at speeds up to 10 knots.
- (b) When going astern at slow speed, they provide effective steering control.
- (c) They are fully effective at all drafts.
- (d) Because of their location, most modern installations have as much power as a tug.

If choice b is selected set score to 1.

47. As a ship moves through the water, it drags with it a body of water called the wake. The ratio of the wake speed to the ship's speed is called _____.

- (a) speed of advance
- (b) propeller velocity
- (c) wake distribution
- (d) wake fraction

If choice d is selected set score to 1.

48. A vessel which is being assisted by an icebreaker would display a flag hoist consisting of the code numeral "4" when the vessel _____.

- (a) stops
- (b) receives ice damage
- (c) speed begins to drop
- (d) becomes icebound

If choice d is selected set score to 1.

49. Your vessel is a single-screw ship with a right-hand propeller. There is no current. The easiest way to make a landing is _____.

- (a) dropping anchor and swinging the ship in to the pier
- (b) starboard side to
- (c) either port or starboard side to, with no difference in degree of difficulty
- (d) port side to

If choice d is selected set score to 1.

50. You are on a large vessel fitted with a right-handed controllable-pitch propeller set at maximum forward pitch. Which statement about reversing is TRUE?

- (a) There will probably be a loss of steering control.
- (b) When the pitch is reversed, the stern will slew to port even with headway.
- (c) The vessel will have full rudder control throughout the speed change from ahead to astern.
- (d) The vessel will respond to the rudder until sternway is developed, then the stern will slew to starboard.

If choice a is selected set score to 1.