

50. Which is TRUE concerning reserve buoyancy when flooding occurs in a damaged vessel?

- (A) It decreases
- (B) It remains the same
- (C) It increases
- (D) It shifts to the low side

If choice A is selected set score to 1.

51. You are involved in an emergency landing of a helicopter on the water. When should you inflate your life jacket?

- (A) Prior to reaching the water
- (B) After exiting clear of the helicopter
- (C) Upon entering the helicopter
- (D) After reaching the water, but prior to exiting the helicopter

If choice B is selected set score to 1.

52. The vessel shown in illustration D025DG has broken down and you are going to take her in tow. The wind is coming from her starboard beam. You are making more leeway than she. Where should you position your vessel when you start running lines?

- (A) A
- (B) B
- (C) C
- (D) D

If choice A is selected set score to 1.

53. If an engine shuts down due to high jacket water temperature, what action should be taken?

- (A) Open crankcase explosion covers
- (B) Allow engine to cool gradually
- (C) Slowly add cool water to the expansion tank
- (D) Back flush the cooling water system

If choice B is selected set score to 1.

54. To increase the extent of flooding your vessel can suffer without sinking, you could take which action?

- (A) Lower the center of gravity
- (B) Raise the center of gravity
- (C) Ballast the vessel
- (D) Increase reserve buoyancy

If choice D is selected set score to 1.

55. Angular motion about the longitudinal axis of a vessel is known by which term?

- (A) Pitch
- (B) Roll
- (C) Surge
- (D) Sway

If choice B is selected set score to 1.

56. You are on a ship that has broken down and are preparing to be taken in tow. You will use your anchor cable as part of the towline. Which statement is TRUE?

- (A) The anchor cable should be veered enough to allow the towline connection to be immediately astern of the towing vessel.
- (B) The anchor cable should be veered enough to allow the towline connection to be just forward of your bow.
- (C) The strain of the tow is taken by the riding pawl, chain stopper, and anchor windlass brake.
- (D) The anchor cable should be led out through a chock, if possible, to avoid a sharp nip at the hawsepipe lip.

If choice C is selected set score to 1.

57. The KG of a vessel is found by dividing the displacement into the _____.

- (A) sum of the longitudinal moments of the vessel
- (B) sum of the free surface moments of the vessel
- (C) height of the center of gravity of the vessel
- (D) sum of the vertical moments of the vessel

If choice D is selected set score to 1.

58. The first AMVER position report must be sent within how many hours of departure?

- (A) 12
- (B) 24
- (C) 36
- (D) 48

If choice B is selected set score to 1.

59. Which type of EPIRB must each ocean-going ship carry?

- (A) Class C
- (B) Class A
- (C) Class B
- (D) Category 1

If choice D is selected set score to 1.

60. What is Metacentric height a measure of?

- (A) Maximum righting arm
- (B) Initial stability only
- (C) Stability through all angles
- (D) Location of G above the keel

If choice B is selected set score to 1.

61. If an inflatable liferaft is to be released manually, where should the operating cord be attached before throwing the raft overboard?

- (A) You should stand on the cord.
- (B) Attach the cord to a fixed object on the ship.
- (C) Attach the cord to the special pad eye on the "raft davit launcher".
- (D) Do not attach the cord to anything but throw it overboard with the raft container.

If choice B is selected set score to 1.

62. A fire in a transformer terminal would be classified as class _____.

- (A) A
- (B) B
- (C) C
- (D) D

If choice C is selected set score to 1.

63. You are administering chest compressions during CPR. Where on the victim's body should the pressure be applied?

- (A) Lower half of the sternum
- (B) Left chest over the heart
- (C) Top half of the sternum
- (D) Tip of the sternum

If choice A is selected set score to 1.

64. The angular movement of a vessel about a horizontal line drawn from its bow to its stern is known by which term?

- (A) Heaving
- (B) Rolling
- (C) Pitching
- (D) Swaying

If choice B is selected set score to 1.

- 65.** Your ship is sinking rapidly. A container containing an inflatable liferaft has bobbed to the surface upon functioning of the hydrostatic release. Which action should you take?
- (A) Manually open the container and inflate the liferaft with the hand pump.
 - (B) Cut the painter line so it will not pull the liferaft container down.
 - (C) Take no action because the painter will cause the liferaft to inflate and open the container.
 - (D) Swim away from the container so you will not be in danger as it goes down.

If choice C is selected set score to 1.

- 66.** You hear the general alarm and ship's whistle sound for over 10 seconds. What does this signal mean?
- (A) Man overboard
 - (B) Dismissal from fire and emergency stations
 - (C) Abandon ship
 - (D) Fire and emergency

If choice D is selected set score to 1.

- 67.** Your vessel has just run aground. Which of the following would be one of the first actions you should take in this situation?
- (A) Back the engines full astern
 - (B) Sound all tanks
 - (C) Pump out all double bottoms
 - (D) Apply RPM to one propeller

If choice B is selected set score to 1.

- 68.** What prevents water running along the shaft of a leaking centrifugal pump from entering the shaft bearing?
- (A) Water flinger
 - (B) Drain hole
 - (C) Shaft seal
 - (D) Lantern ring

If choice A is selected set score to 1.

- 69.** If there are a number of survivors in the water after abandoning ship, which action should they take?
- (A) Tie themselves to the unit so they won't drift with the current
 - (B) Send only the strongest swimmer to shore for assistance
 - (C) Form a raft by lashing their life preservers together
 - (D) Form a small circular group to create a warmer pocket of water in the center of the circle

If choice D is selected set score to 1.

70. What is the function of wearing rings found on some centrifugal pumps?

- (A) Seal pump shaft against entry of air
- (B) Isolate the outlet side from the inlet side
- (C) Absorb erosion of high-velocity discharge stream
- (D) Dampen the turbulent discharge flow

If choice B is selected set score to 1.