

55. Why must a fire be ventilated?

- A. Only if compressed gas cylinders are stowed in the compartment on fire
- B. To minimize heat buildup in adjacent compartments
- C. To aid when using an indirect attack on the fire such as flooding with water
- D. To prevent the gases of combustion from surrounding the firefighters

Correct answer: D

56. You are on a 165 foot (50.3 meters) long vessel with a draft of 9 feet (2.7 meters) and twin screws. Which statement about rescuing a survivor in the water with ship pickup is TRUE?

- A. You should stop with the man on your weather beam and twist the ship up to him.
- B. You should stop to windward of the man and drift down on him.
- C. Ship pick up should never be used with a shallow draft vessel.
- D. A pickup off the weather bow gives maximum maneuverability with the least possibility of injury to the man.

Correct answer: D

57. Which of the following terms defines the minimum temperature required to ignite gas or vapor without a spark or flame being present?

- A. Autoignition temperature
- B. Lower explosive limit
- C. Flash point
- D. Fire point

Correct answer: A

58. What power source actuates a solenoid valve?

- A. Electric current
- B. Air pressure
- C. Mechanical force
- D. Hydraulic pressure

Correct answer: A

59. According to the regulations for lifeboat falls, which action must be taken with the falls no later than 5-year intervals?

- A. Renewed
- B. Weight tested
- C. End-for-ended
- D. Proof tested

Correct answer: A

60. Your vessel has just run aground. Which of the following would be one of the first actions you should take in this situation?

- A. Pump out all double bottoms
- B. Apply RPM to one propeller
- C. Sound all tanks
- D. Back the engines full astern

Correct answer: C

61. What is the penalty for failure to enforce, or comply with, the vessel bridge-to-bridge radiotelephone regulations?

- A. Civil penalty against the Master or person in charge
- B. \$1,000 fine or imprisonment for not more than two years
- C. \$5,000 fine and imprisonment for not more than one year, or both
- D. Civil penalty of no more than \$5,000

Correct answer: A

62. Your vessel has been damaged and is partially flooded. The first step to be taken in attempting to save the vessel is to _____.

- A. calculate the free surface effect and lost buoyancy to determine the vessel's stability
- B. plug the hole(s) in the outer shell
- C. establish flooding boundaries and prevent further spread of flood water
- D. pump out the water inside the vessel

Correct answer: C

63. Which of the following when removed will extinguish a fire?

- A. Nitrogen
- B. Sodium
- C. Oxygen
- D. Carbon dioxide

Correct answer: C

64. The decision has been made to make landfall through a slight surf in an oar-propelled lifeboat. How should the sea anchor be utilized?

- A. secure the tripping line, as the wave overtakes the craft release the towing line so the craft can advance to the beach
- B. keep a strain on the tripping and towing lines, as the wave overtakes the craft release the tripping line and backwater
- C. keep a strain on the towing and tripping lines to control the advancement of the craft as the waves roll onto the beach
- D. secure the towing line, as the wave overtakes the craft pull on the tripping line and order backwater to advance to the beach

Correct answer: D

65. When using the term "limber system" one is referring to which system?

- A. A cleaning system
- B. A drainage system
- C. A strengthening system
- D. A weight reduction system

Correct answer: B

66. How should a message warning of a tropical storm be sent?

- A. Urgent message
- B. Routine message
- C. Safety message
- D. Distress message

Correct answer: C

67. The welds used to join shell plates in flush construction are known as _____.

- A. fillet welds
- B. seam welds
- C. continuous welds
- D. butt welds

Correct answer: D

68. For the purpose of training and drills, if reasonable and practicable, how frequently should rescue boats be launched with their assigned crew?

- A. Twice a year
- B. Once a month
- C. Once a week
- D. Once a year

Correct answer: B

69. During a SAR helicopter evacuation which of the following describes the proper donning of a rescue sling?

- A. The loop of the sling passes across the chest and under the arms while facing away from the winch hook
- B. The loop of the sling passes behind the back and under the arms while facing the winch hook
- C. The person steps onto the sling grasping the hoist line for support while facing away from the winch hook
- D. The person sits in the sling with their hands clasped across the chest while facing the winch hook

Correct answer: B

70. Your vessel has grounded on a bar. What should you do?

- A. If you cannot get clear immediately, lighten the ship by pumping all ballast overboard.
- B. Switch to the high suction for condenser circulating water, if it is submerged.
- C. Run the engine full astern to keep from being set further onto the bar.
- D. All of the above

Correct answer: B