

## U.S.C.G. Merchant Marine Exam

Lifeboatman Limited

Q447 Lifeboatmen Limited

(Sample Examination)

**Choose the best answer to the following Multiple-Choice Questions.**

1. Where should the life jackets be stowed?

- A. Locked in watertight containers
- B. Only in the survival crafts
- C. In readily accessible locations
- D. In each of the messrooms

Correct answer: C

2. You have abandoned ship and are adrift in a liferaft with a SART. What signal will indicate to you that a 3 cm radar has interrogated the SART unit?

- A. The unit will emit an audible alarm and visual signal
- B. The serial number of the unit will appear on the display
- C. SART units do not respond to integration by a 3cm radar
- D. Your latitude and longitude will appear on the display

Correct answer: A

3. If an inflatable liferaft inflates upside down, you can right it by taking which action?

- A. Standing on the CO2 bottle, holding the bottom straps, and throwing your weight backwards
- B. doing nothing; it will right itself after the canopy supports inflate
- C. Getting at least three or four men to push down on the side containing the CO2 cylinder
- D. Pushing up on one side of the raft

Correct answer: A

4. When should you first have any food or water after boarding a lifeboat or liferaft?

- A. After 12 hours
- B. After 24 hours
- C. Within 48 hours
- D. Some food and water should be consumed immediately and then not until 48 hours later.

Correct answer: B

5. Provided every effort is used to produce, as well as preserve body moisture content by avoiding perspiration, how long is it normally possible to survive without stored quantities of water?

- A. Up to 3 days
- B. 8 to 14 days
- C. 15 to 20 days
- D. 25 to 30 days

Correct answer: B

6. You board an inflatable liferaft that has been hand launched from a sinking vessel. What should you do FIRST after everyone is onboard the liferaft?
- A. Operate the radio equipment.
  - B. Ventilate the liferaft of CO<sub>2</sub>.
  - C. Cut the painter.
  - D. Open the equipment pack.

Correct answer: C

7. All inflatable liferafts have which item?
- A. Releasing hooks at each end
  - B. Water stabilizing pockets
  - C. Safety straps from the overhead
  - D. Built in seats

Correct answer: B

8. Which of the following describes a SART?
- A. A unit that transmits locating signals that can be received on a Y band radar
  - B. A unit that transmits locating signals that can be received on a X band radar
  - C. A unit that transmits locating signals to a satellite at 406 MHz
  - D. A unit that transmits vessel information to a Rescue Coordination Center

Correct answer: B

9. Immediately after abandoning a vessel, lookouts should be posted aboard liferafts to look for \_\_\_\_\_.
- A. food and water
  - B. bad weather
  - C. land
  - D. survivors in the water

Correct answer: D

10. What type of knot in illustration D030DG below is indicated by the Letter "E"?
- A. Stopper hitch
  - B. Bowline on a bight
  - C. Blackwall hitch
  - D. Timber and half hitch

Correct answer: D

11. What type of knot in illustration D030DG below is indicated by the Letter "J"?
- A. Becket bend
  - B. Marline hitch
  - C. Plain whipping
  - D. Bowline

Correct answer: C

12. How is the inside light in an inflatable liferaft activated?

- A. Automatically as the liferaft inflates
- B. By screwing the bulb in after the raft is inflated
- C. With a switch near the boarding handle
- D. At night via photosensitive switch

Correct answer: A

13. What type of knot in illustration D030DG below is indicated by the Letter "G"?

- A. Timber hitch
- B. Round turn and two half hitches
- C. Fisherman's bend
- D. Barrel hitch

Correct answer: C

14. BOTH INTERNATIONAL & INLAND When a vessel signals her distress by means of a gun or other explosive signal, which firing intervals should be used?

- A. Once every minute
- B. Once an hour
- C. Once every 3 minutes
- D. Once every 10 minutes

Correct answer: A

15. Water pockets on the underside of an inflatable liferaft are for \_\_\_\_\_.

- A. easy drainage
- B. maneuverability
- C. stability
- D. catching rainwater

Correct answer: C

16. Which action should be taken once fueling has been completed?

- A. The fuel tank fill pipe should be left open to allow vapors to vent from the tank
- B. All hatches should be opened and all compartments should be ventilated
- C. The engine should be started immediately to prevent vapor lock in the fuel line
- D. Open the fuel line and drain a small amount of gasoline into the bilge to clear the line of sediment

Correct answer: B

17. Which statement is TRUE concerning life jackets?

- A. Life jackets are designed to turn an unconscious person's face clear of the water.
- B. Buoyant vests may be substituted for life jackets.
- C. Life jackets must always be worn with the same side facing outwards to float properly.
- D. Lightly stained or faded life jackets will fail in the water and should not be used.

Correct answer: A

18. Your vessel is conducting helicopter evacuation operations for an injured crew member. Which of the following statements is true concerning the hoisting line?
- A. A tag line is required to be attached to the hoist cable for securing
  - B. As a safety measure wrap the line around the patient before attaching it to the basket
  - C. Allow the line to touch the deck to discharge the static electricity
  - D. Secure the graining line to the deck railings

Correct answer: C

19. If you find an inflatable liferaft container with the steel bands still in place around its case, which action should you take?
- A. Remove the bands yourself
  - B. Tell the Master immediately
  - C. Leave the bands in place
  - D. Inform the Mate so they can be cut loose

Correct answer: C

20. What is the primary advantage of using a sea anchor with the survival craft?
- A. It keeps the survival craft from turning over
  - B. Aids in recovering the survival craft
  - C. It reduces your drift rate
  - D. It increases your visibility

Correct answer: C

21. Which of the following is considered the normal operational range from a SART unit to a surface vessel?
- A. 5-10 miles
  - B. 50-75 miles
  - C. 75-100 miles
  - D. unlimited

Correct answer: A

22. When personnel are lifted by a helicopter from an inflatable liferaft, what should the personnel on the raft do?
- A. Remove their lifejackets to prepare for the transfer
  - B. Take in the sea anchor to prevent fouling of the rescue sling
  - C. Inflate the floor of the raft to provide for additional stability
  - D. Deflate the floor of the raft to reduce the danger of capsizing

Correct answer: D

23. A magnetic compass card is marked in how many degrees?

- A. 90
- B. 180
- C. 360
- D. 400

Correct answer: C

24. Upon completion of fueling a gasoline driven vessel it is necessary to perform which task?

- A. Keep ports, doors, windows, and hatches closed
- B. Ventilate before starting engine
- C. Start the engines immediately
- D. None of the above

Correct answer: B

25. After having thrown the liferaft and stowage container into the water, how is the liferaft inflated?

- A. Pulling on the painter line
- B. Hitting the hydrostatic release
- C. Using the hand pump provided
- D. Forcing open the container which operates the CO2

Correct answer: A

26. How does bleeding from a vein appear?

- A. Dark red and has a steady flow
- B. Dark red and spurting
- C. Bright red and slow
- D. Bright red and spurting

Correct answer: A

27. Puncture leaks in the lower tubes or bottom of an inflatable liferaft should FIRST be stopped by using which item(s)?

- A. Repair tape
- B. Sail twine and vulcanizing kit
- C. Sealing clamps
- D. A tube patch

Correct answer: C

28. In good weather, why should you deploy the sea anchor from the liferaft?

- A. To navigate against the current
- B. To keep the liferaft from capsizing
- C. It will keep personnel from getting seasick
- D. To stay in the general location to aid in rescue

Correct answer: D

29. After an accident the victim may go into shock and die. What should be done to help prevent shock?

- A. Keep the person awake.
- B. Give the person a stimulant to increase blood flow.
- C. Keep the person lying down and at a comfortable temperature.
- D. Slightly elevate the head and feet.

Correct answer: C

30. In illustration D014SA below, what number is the sea painter?

- A. 1
- B. 12
- C. 16
- D. 18

Correct answer: C

31. When a person is in shock, how will their skin appear?

- A. Cold and dry
- B. Cold and damp
- C. Warm and dry
- D. Warm and damp

Correct answer: B

32. In each inflatable liferaft, what equipment is provided to make quick, emergency, temporary repairs to large holes in the raft?

- A. Glue and rubber patches
- B. No equipment is provided.
- C. Several various-sized sealing clamps
- D. Self-adhesive rubberized canvas patches

Correct answer: C

33. Which of the following is the proper operating sequence of a SART?

- A. The unit activates automatically and will transmit from the disabled vessel until submerged 10 meters into the water
- B. The unit activates automatically and should be mounted as high as possible with the antenna led to the water
- C. The unit must be manually activated, mounted as high as possible, and when interrogated by a 3 cm radar will emit a visual warning signal
- D. The unit must be manually activated and deployed in the water to achieve proper grounding

Correct answer: C

34. What statement about immersion suits is TRUE?

- A. Any tear or leak will render the suit unserviceable and it must be replaced.
- B. During the annual maintenance, the front zipper should be lubricated using light machine oil or mineral oil.
- C. No stowage container for immersion suits may be capable of being locked.
- D. Immersion suits should be worn while performing routine work on deck.

Correct answer: C

35. Your vessel has 3 lifeboats on each side. The middle lifeboat on the port side is designated as which boat number?

- A. 2
- B. 2 PORT
- C. 3
- D. 4

Correct answer: D

36. Which letter shown in illustration D030DG below represents a clove hitch?

- A. U
- B. T
- C. R
- D. X

Correct answer: D

37. What type of knot in illustration D030DG below is indicated by the Letter "Q"?

- A. Square knot
- B. Round knot
- C. Bowline
- D. Clove hitch

Correct answer: C

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

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

Correct answer: D

39. What is the purpose of the hydrostatic release on an inflatable liferaft?

- A. To release the raft from the cradle automatically as the ship sinks
- B. To inflate the raft automatically
- C. To test the rafts hydrostatically
- D. None of the above

Correct answer: A



40. As a vessel sinks to a depth of 15 feet, the hydrostatic trip releases the liferaft container from its cradle by \_\_\_\_\_.

- A. breaking the weak link
- B. releasing the tie-down strap
- C. releasing the CO2 canister
- D. pulling the operating cord

Correct answer: B

41. When should a tourniquet be used to control bleeding?

- A. When the victim is unconscious
- B. Only with puncture wounds
- C. To prevent bleeding from minor wounds
- D. When all other means have failed

Correct answer: D

42. BOTH INTERNATIONAL & INLAND Which is TRUE when a vessel uses any sound or light signals to attract the attention of another vessel?

- A. The signal cannot be mistaken for a signal authorized by the Rules
- B. Special flashing yellow lights may be used to attract the attention of another vessel
- C. White lights are not used to attract the attention of another vessel
- D. The signal may be the continuous sounding of a foghorn

Correct answer: A

43. A motor lifeboat shall carry sufficient fuel to operate continuously for a period of which duration?

- A. 12 hours
- B. 18 hours
- C. 24 hours
- D. 36 hours

Correct answer: C

44. If, for any reason, it is necessary to abandon ship while far out at sea, it is important that the crew members should \_\_\_\_\_.

- A. get away from the area because sharks will be attracted to the vessel
- B. immediately head for the nearest land
- C. separate from each other as this will increase the chances of being rescued
- D. remain together in the area because rescuers will start searching at the vessel's last known position

Correct answer: D

45. Before you start an engine in a compartment, it's MOST important to \_\_\_\_\_.

- A. check the fuel tank
- B. ventilate the bilges
- C. check the battery
- D. check the flame arrester

Correct answer: B

46. BOTH INTERNATIONAL & INLAND You are underway and hear a vessel continuously sounding her fog whistle. What is this vessel indicating?

- A. The vessel is in distress
- B. The vessel is aground
- C. The vessel desires a pilot
- D. The vessel desires to communicate by radio

Correct answer: A

47. Ordinarily, bleeding from a vein may be controlled by what method?

- A. Pinching the wound closed
- B. Applying direct pressure to the wound
- C. Pouring ice water directly onto the wound
- D. Heavy application of a disinfectant

Correct answer: B

48. Which knot in illustration D030DG below represents a double sheet bend?

- A. R
- B. L
- C. F
- D. T

Correct answer: A

49. Your vessel has 3 lifeboats on each side. What is the designated boat number of the aftermost boat on the starboard side?

- A. 6
- B. 5
- C. 3
- D. 3 STARBOARD

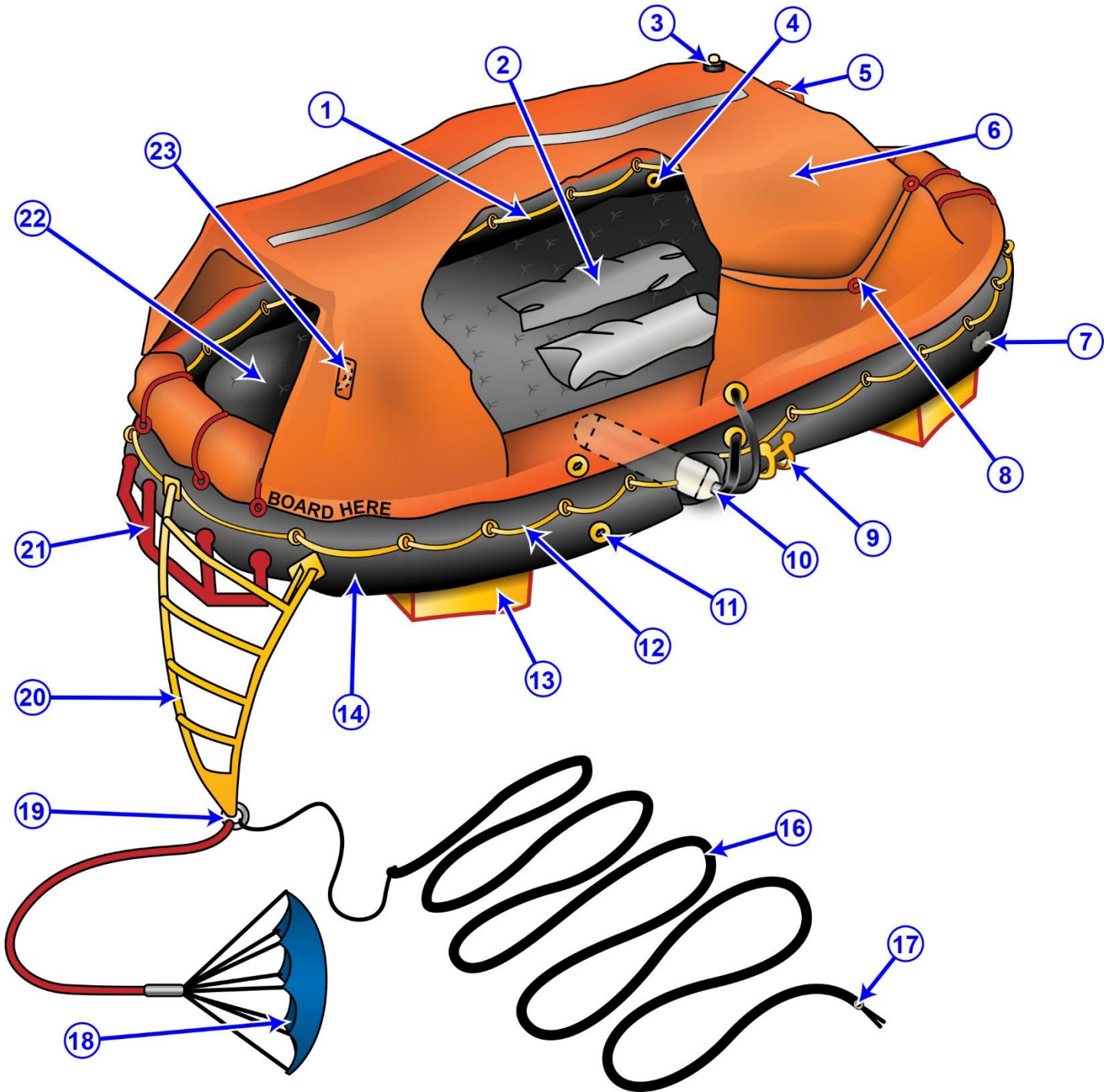
Correct answer: B

50. You have abandoned ship and are in charge of a liferaft. How much water per day should you permit each occupant to drink after the first 24 hours?

- A. 1 quart
- B. 1 can
- C. 1 pint
- D. 1 gallon

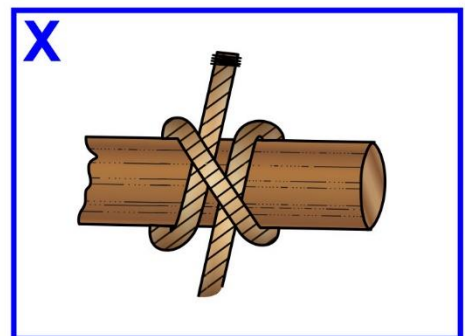
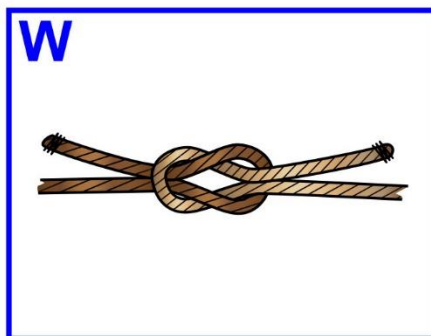
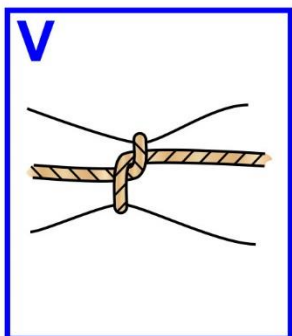
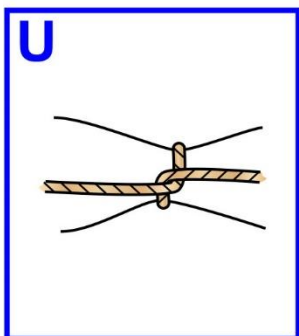
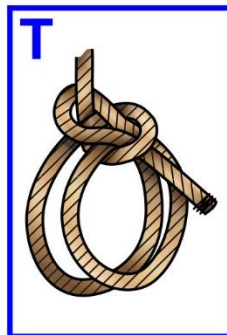
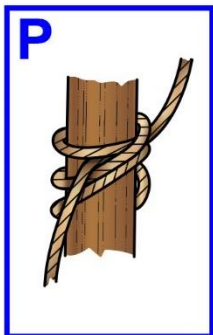
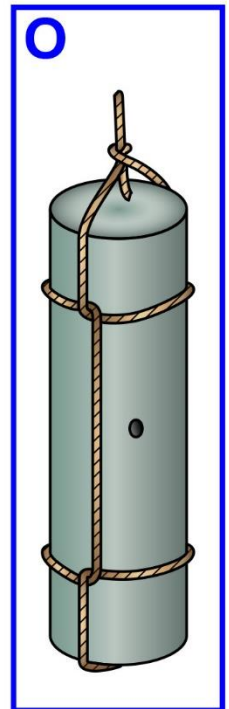
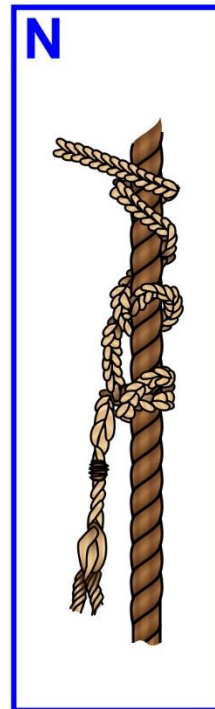
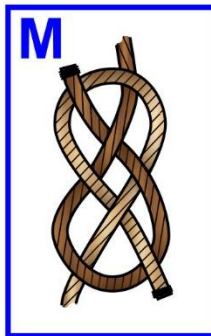
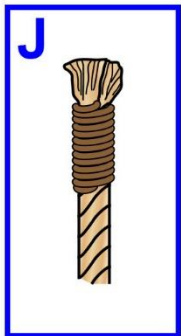
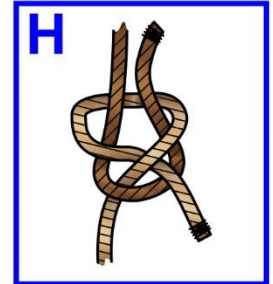
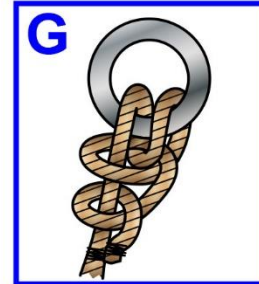
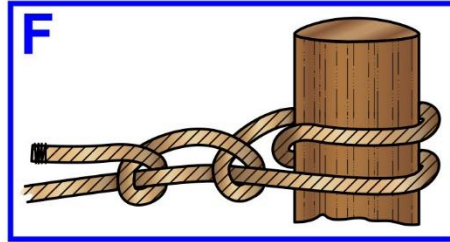
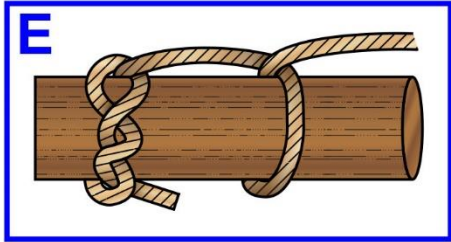
Correct answer: C

## D014SA



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## D030DG



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