U.S.C.G. Merchant Marine Exam

Lifeboatman Limited

Q447-Lifeboatman Limited

(Sample Examination)
Choose the best answer to the following Multiple Choice Questions.

1. A magnetic compass card is marked in how many degrees?
   - (A) 90
   - (B) 180
   - (C) 360
   - (D) 400
   
   If choice C is selected set score to 1.

2. Using a sea anchor will accomplish which of the following?
   - (A) Keep the liferaft from turning over
   - (B) Aid in the maneuverability of the liferaft
   - (C) Increase your visibility
   - (D) Reduce your drift rate
   
   If choice D is selected set score to 1.

3. When personnel are lifted by a helicopter from an inflatable liferaft, what should the personnel on the raft do?
   - (A) Take in the sea anchor to prevent fouling of the rescue sling
   - (B) Deflate the floor of the raft to reduce the danger of capsizing
   - (C) Remove their lifejackets to prepare for the transfer
   - (D) Inflate the floor of the raft to provide for additional stability
   
   If choice B is selected set score to 1.

4. When a person is in shock, how will their skin appear?
   - (A) Cold and dry
   - (B) Warm and damp
   - (C) Cold and damp
   - (D) Warm and dry
   
   If choice C is selected set score to 1.

5. In any major injury, first aid includes the treatment for the injury and what secondary condition?
   - (A) Application of CPR
   - (B) For traumatic shock
   - (C) Removal of any foreign objects
   - (D) Administration of oxygen
   
   If choice B is selected set score to 1.
6. What is the preferred method of controlling external bleeding?

- (A) Direct pressure on the wound
- (B) Pressure on a pressure point
- (C) Elevating the wounded area
- (D) A tourniquet above the wound

If choice A is selected set score to 1.

7. Inflatable liferafts are provided with which item?

- (A) A sail
- (B) Canned milk
- (C) A towing connection
- (D) A Very pistol

If choice C is selected set score to 1.

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

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

If choice C is selected set score to 1.

9. BOTH INTERNATIONAL & INLAND Which signal, other than a distress signal, can be used by a vessel to attract attention?

- (A) Orange smoke signal
- (B) Continuous sounding of a fog signal apparatus
- (C) Searchlight beam
- (D) Burning barrel

If choice C is selected set score to 1.

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

- (A) The unit activates automatically and should be mounted as high as possible with the antenna led to the water
- (B) The unit activates automatically and will transmit from the disabled vessel until submerged 10 meters into 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

If choice C is selected set score to 1.
11. What type of knot in illustration D030DG below is indicated by the Letter "N"?
   - (A) Heaving line hitch
   - (B) Stopper hitch
   - (C) Timber hitch
   - (D) Rolling bowline

   *If choice B is selected set score to 1.*

12. If more than one liferaft is manned after the vessel has sunk, which action will aid in your rescue?
   - (A) Each raft should go in a different direction in search of land
   - (B) The possibility of a search aircraft finding you is increased by spreading out
   - (C) Tie each of the rafts together and try to stay in a single group
   - (D) Reduce the number of liferafts by getting as many people as possible into as few rafts as possible

   *If choice C is selected set score to 1.*

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

   *If choice D is selected set score to 1.*

14. What factor is essential to the proper operation of a radiator cooled engine?
   - (A) Cooling water pressure
   - (B) Air flow through the radiator
   - (C) Low heat of combustion
   - (D) Jacket water treatment

   *If choice B is selected set score to 1.*

15. When using a handheld smoke signal in a liferaft, at which location should you activate the signal?

   - (A) On the downwind side of the liferaft
   - (B) On the upwind side of the liferaft
   - (C) Inside the liferaft
   - (D) At the stern of the liferaft

   *If choice A is selected set score to 1.*
16. A person has suffered a laceration of the arm. Severe bleeding has been controlled by using a sterile dressing and direct pressure. What should you do next?

- (A) Administer fluids to assist the body in replacing the lost blood.
- (B) Remove any small foreign matter and apply antiseptic.
- (C) Apply a pressure bandage over the dressing.
- (D) Apply a tourniquet to prevent the bleeding from restarting.

*If choice C is selected set score to 1.*

17. Life jackets should be stowed in __________.

- (A) messrooms
- (B) readily accessible locations
- (C) locked watertight containers
- (D) survival craft

*If choice B is selected set score to 1.*

18. How is the external flotation bladder of an immersion suit inflated?

- (A) It inflates by sea water bleeding into the flotation bladder and reacting with a chemical therein.
- (B) It is inflated by blowing through an inflation tube.
- (C) It is inflated by a small CO2 bottle that is manually tripped.
- (D) It is inflated by a small CO2 bottle that is automatically tripped when the front zipper is at the top of the zipper track.

*If choice B is selected set score to 1.*

19. Which knot in illustration D030DG below is secure only when there is a strain on the line?

- (A) H
- (B) I
- (C) L
- (D) P

*If choice C is selected set score to 1.*

20. 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) Ventilate the liferaft of CO2.
- (B) Operate the radio equipment.
- (C) Cut the painter.
- (D) Open the equipment pack.

*If choice C is selected set score to 1.*
21. Which is TRUE concerning drinking salt water?

- (A) Saltwater protects against heat cramps
- (B) Saltwater prevents seasickness
- (C) It is safe to drink if mixed with fresh water
  • (D) Consuming saltwater will dehydrate you

*If choice D is selected set score to 1.*

22. BOTH INTERNATIONAL & INLAND If you saw flames aboard a vessel but could see the vessel was not on fire, what would this indicate?

- (A) The vessel was attempting to attract the attention of a pilot boat
- (B) The crew was trying to get warm
  • (C) The vessel required immediate assistance
- (D) The vessel was being illuminated for identification by aircraft

*If choice C is selected set score to 1.*

23. 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.

*If choice B is selected set score to 1.*

24. If you are forced to abandon ship in a lifeboat 1,000 nautical miles from the coast, which is your best action to take?

- (A) Remain in the immediate vicinity
- (B) Head for the closest sea-lanes
- (C) Vote on what to do, so all hands will have a part in the decision
- (D) Head for the nearest land

*If choice A is selected set score to 1.*

25. If you find an inflatable liferaft container with the steel bands still in place around its case, which action should you take?

- (A) Tell the Master immediately
  • (B) Leave the bands in place
- (C) Inform the Mate so they can be cut loose
- (D) Remove the bands yourself

*If choice B is selected set score to 1.*
26. Which of the following pieces of equipment is most commonly used by SAR helicopters when evacuating personnel from survival craft?

- (A) A rescue litter
- (B) A rescue net
- (C) A rescue seat
- (D) A rescue sling

If choice D is selected set score to 1.

27. Which statement is TRUE concerning life jackets?

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

If choice C is selected set score to 1.

28. Under which condition will a SART unit have the greatest transmission potential?

- (A) The unit antenna in the water for an efficient ground
- (B) The unit elevated as high as possible
- (C) The unit in the water to activate the batteries
- (D) The unit inside the survival craft to keep it dry

If choice B is selected set score to 1.

29. After having activated the emergency position indicating radio beacon, which is the appropriate action to take?

- (A) Turn it off and on at 5 minute intervals
- (B) Leave it on continuously
- (C) Turn it off during daylight hours
- (D) Turn it off for 5 minutes every half-hour

If choice B is selected set score to 1.

30. Which statement is TRUE concerning gasoline vapors on board a vessel?

- (A) They should be vented into the wheelhouse.
- (B) They should be vented into the engine to improve combustion.
- (C) They are lighter than air and will settle in the highest part of the vessel.
- (D) They are heavier than air and will settle in the lowest part of the vessel.

If choice D is selected set score to 1.
31. BOTH INTERNATIONAL & INLAND A man aboard a vessel is signaling by raising and lowering his outstretched arms to each side. What does this indicate?

- (A) The vessel is anchored
- (B) All is clear, it is safe to pass
- (C) A distress signal
- (D) Danger, stay away

*If choice C is selected set score to 1.

32. What is the approximate length of the painter of the inflatable liferaft?

- (A) 25 feet
- (B) 100 feet
- (C) 200 feet
- (D) 400 feet

*If choice B is selected set score to 1.

33. The signal has been given to abandon ship. Which of the following describes the action to be taken with the EPIRB?

- (A) No action is required, muster at your boat station to wait for further direction
- (B) No action is required, the unit will activate when triggered by a satellite
- (C) Activate the unit and take it with you to the closest survival craft
- (D) Activate the unit and secure it to the vessel before entering the survival craft

*If choice C is selected set score to 1.

34. Which statement is FALSE concerning precautions during small craft fueling operations?

- (A) All windows, doors, hatches, etc. should be closed.
- (B) A fire extinguisher should be kept nearby.
- (C) Fuel tanks should be topped off with no room for expansion.
- (D) All engines, motors, fans, etc. should be shut down when fueling.

*If choice C is selected set score to 1.

35. What is the maximum length of time that distress flares are approved for?

- (A) 1 and 1/2 years
- (B) 2 years
- (C) 3 and 1/2 years
- (D) 5 years

*If choice C is selected set score to 1.
36. Which knot in illustration D030DG represents a blackwall hitch?

- (A) S
- (B) P
- (C) H
- (D) F

*If choice A is selected set score to 1.*

37. What type of knot in illustration D030DG below is indicated by the Letter “E”?

- (A) Blackwall hitch
- (B) Timber and half hitch
- (C) Stopper hitch
- (D) Bowline on a bight

*If choice B is selected set score to 1.*

38. Your vessel has 3 lifeboats on each side. The aftermost boat on the port side is designated as which boat number?

- (A) 5
- (B) 3 PORT
- (C) 3
- (D) 6

*If choice D is selected set score to 1.*

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

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

*If choice C is selected set score to 1.*

40. Under normal conditions, how is a liferaft released from its cradle?

- (A) By cutting the restraining strap
- (B) Pushing the plunger on the center of the hydrostatic release
- (C) Lifting one end of the raft
- (D) Unscrewing the turnbuckle on the back of the cradle

*If choice B is selected set score to 1.*
41. 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) Do not attach the cord to anything but throw it overboard with the raft container.
- (C) Attach the cord to a fixed object on the ship.
- (D) Attach the cord to the special pad eye on the "raft davit launcher".

*If choice C is selected set score to 1.*

42. While reading the muster list you see that "3 short blasts on the whistle and three short rings on the general alarm" is the signal for __________.

- (A) fire and emergency
- (B) abandon ship
- (C) man overboard
- (D) dismissal from fire and emergency stations

*If choice D is selected set score to 1.*

43. Which letter in illustration D030DG below represents a bowline on a bight?

- (A) H
- (B) I
- (C) M
- (D) W

*If choice B is selected set score to 1.*

44. If you must enter water on which there is an oil fire, you should __________.

- (A) keep both hands in front of your face to break the water surface when diving head first
- (B) wear very light clothing
- (C) protect your life preserver by holding it above your head
- (D) enter the water on the windward side of the vessel

*If choice D is selected set score to 1.*

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

- (A) 1
- (B) 12
- (C) 16
- (D) 18

*If choice C is selected set score to 1.*
46. Which knot in illustration D030DG represents a carrick bend?

- (A) M
- (B) L
- (C) H
- (D) J

*If choice A is selected set score to 1.*

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

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

*If choice A is selected set score to 1.*

48. In illustration D014SA below, which item number correctly identifies the ballast bags?

- (A) 13
- (B) 22
- (C) 12
- (D) 2

*If choice A is selected set score to 1.*

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

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

*If choice B is selected set score to 1.*

50. What does the air spaces in the floor of an inflatable liferaft provide protection against?

- (A) Loss of air in the sides of the raft
- (B) Asphyxiation from CO2
- (C) Cold water temperatures
- (D) Rocks when landing

*If choice C is selected set score to 1.*