

U.S.C.G. Merchant Marine Exam
Limited Operator Uninspected Passenger Vessels
Q360 Deck General - Deck Safety
(Sample Examination)

Choose the best answer to the following Multiple Choice Questions.

1. There are two disadvantages to CO₂ as a firefighting agent. One of these is the limited quantity available, and the other is _____.
- (A) that it cannot be used in a dead ship situation with no electrical power to the CO₂ pump
 - (B) the lack of cooling effect on heated materials
 - (C) there is no effect on a class A fire even in an enclosed space
 - (D) that it breaks down under extreme heat to form poisonous gases

If choice B is selected set score to 1.

2. The primary reason for placing covers over storage batteries is to _____.
- (A) prevent the accumulation of explosive gases
 - (B) protect the hull from leaking electrolyte
 - (C) prevent movement of the battery in rough waters
 - (D) protect against accidental shorting across terminals

If choice D is selected set score to 1.

3. When used to fight fire, carbon dioxide _____.
- (A) has a greater cooling effect than water
 - (B) is harmless to cargo and crew
 - (C) is effective if used promptly on an oil fire
 - (D) is lighter than air

If choice C is selected set score to 1.

4. Starting motors, generators, and other spark producing devices should be mounted as high above the bilges as possible to _____.
- (A) prevent accidental ignition of any gasoline vapors that may have accumulated in the bilges
 - (B) make them more accessible for repairs
 - (C) keep them cool when the vessel is underway
 - (D) keep them dry when the bilges are full of water

If choice A is selected set score to 1.

5. Most of your vessel's superstructure is forward. How will the vessel lie when drifting with no way on?
- (A) With the wind off the starboard beam
 - (B) With the wind from abaft the beam
 - (C) With the wind from ahead
 - (D) With the wind off the port beam

If choice B is selected set score to 1.

6. When making VHF radio calls to nearby stations, what level of transmitting power should you use?

- (A) High power
- (B) Medium power
- (C) Low power
- (D) Extra high power

If choice C is selected set score to 1.

7. Which situation requires you to furnish a notice of marine casualty to the Coast Guard?

- (A) You collide with a buoy and drag it off station with no apparent damage to the vessel or the buoy.
- (B) A seaman slips on ice on deck and sprains his ankle, requiring an ace bandage.
- (C) Your vessel is at anchor and grounds at low tide with no apparent damage.
- (D) Storm damage to the cargo winch motors requires repairs costing \$19,000.

If choice C is selected set score to 1.

8. How deeply should the sternum be depressed when applying chest compressions on an adult victim during CPR?

- (A) 1/2 to 1 inch
- (B) 1-1/2 to 2 inches
- (C) 1 to 1-1/2 inches
- (D) 1/2 inch or less

If choice B is selected set score to 1.

9. When a vessel violates the oil pollution laws, who may be held responsible?

- (A) Owners only
- (B) Master only
- (C) Any individual connected with the vessel involved in the operation
- (D) Credentialed officers only

If choice C is selected set score to 1.

10. The holding capabilities of an anchor are determined PRIMARILY by the _____.

- (A) weight of the anchor
- (B) design of the anchor
- (C) scope of the anchor chain
- (D) size of the vessel

If choice C is selected set score to 1.

11. In the uninspected vessel regulations what does the "B" on a "B-II" fire extinguisher refer to?

- (A) Size of the nozzle
- (B) Size of the applicator
- (C) Class of fire that the extinguisher should be used on
- (D) Size of the extinguisher

If choice C is selected set score to 1.

12. 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.

13. Safety equipment on board vessels must be approved by the _____.

- (A) National Safety Council
- (B) Occupational Safety and Health Administration (OSHA)
- (C) Safety Standards Bureau
- (D) U.S. Coast Guard

If choice D is selected set score to 1.

14. The metal, teardrop-shaped object sometimes used within an eyesplice is a _____.

- (A) thimble
- (B) splice form
- (C) grommet
- (D) reinforcement

If choice A is selected set score to 1.

15. How should you treat a person suffering from heat exhaustion?

- (A) cover him with a light cloth
- (B) administer artificial respiration
- (C) put him in a tub of ice water
- (D) give him sips of cool water

If choice D is selected set score to 1.

16. Gasoline fuel tank vents should terminate _____.

- (A) in the engine compartment
- (B) at the most convenient location
- (C) in the fuel tank space
- (D) above or outside the hull

If choice D is selected set score to 1.

17. When improperly tied, which knot shown in illustration D030DG below is called a granny or thief's knot?

- (A) F
- (B) M
- (C) R
- (D) W

If choice D is selected set score to 1.

18. Besides the chemical testing of a mariner's breath for alcohol, what other specimen testing for alcohol is acceptable to be taken onboard the vessel after a Serious Marine Incident?

- (A) Hair
- (B) Saliva
- (C) Blood
- (D) None of the above

If choice B is selected set score to 1.

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

- (A) square knot
- (B) bowline
- (C) clove hitch
- (D) round knot

If choice B is selected set score to 1.

20. Which device is required to be installed under the carburetor of a gasoline engine?

- (A) Vent
- (B) Drip collector
- (C) Box of sawdust
- (D) Flame arrestor ONLY

If choice B is selected set score to 1.

21. You are going ahead on twin engines with rudders amidships. Your port engine stalls. To continue your course you should _____.

- (A) increase engine speed
- (B) keep your rudder amidships
- (C) apply right rudder
- (D) apply left rudder

If choice C is selected set score to 1.

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

- (A) bowline
- (B) hook hitch
- (C) half hitch
- (D) blackwall hitch

If choice D is selected set score to 1.

23. If you fail to notify the Coast Guard of an oil spill, how long may be imprisoned for?

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

If choice D is selected set score to 1.

24. In the machinery space of all uninspected motor vessels, there must be one type B-II hand portable fire extinguisher for which of the following?

- (A) 500 S.H.P. of the main engines or fraction thereof
- (B) 1000 S.H.P. of the main engines or fraction thereof
- (C) 500 B.H.P. of the main engines or fraction thereof
- (D) 1000 B.H.P. of the main engines or fraction thereof

If choice D is selected set score to 1.

25. Spaces containing batteries require good ventilation because _____.

- (A) ventilation avoids flammable gas accumulation
- (B) less water would be used
- (C) ventilation supplies extra oxygen for the battery
- (D) ventilation avoids CO2 buildup

If choice A is selected set score to 1.

26. You are backing on twin engines with rudders amidships, when your port engine stalls. To continue backing on course, you should _____.

- (A) increase engine speed
- (B) apply right rudder
- (C) keep your rudder amidships
- (D) apply left rudder

If choice B is selected set score to 1.

27. You are heading into the sea during rough weather. Having too much weight forward can cause your small boat to _____.

- (A) plunge into the wave
- (B) broach
- (C) rise rapidly over the wave
- (D) list

If choice A is selected set score to 1.

28. When instructing a crew member concerning the right way to lift a weight, you would instruct him to _____.

- (A) bend his back and stoop with arms straight
- (B) arch the back to add strength to the muscles
- (C) bend his back and stoop
- (D) bend his knees and lift with his legs

If choice D is selected set score to 1.

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

- (A) Contain the oil and remove as much of it as possible from the water.
- (B) Obtain your permit from the Corps of Engineers
- (C) Throw chemical agents on the water to disperse the oil.
- (D) Throw sand on the water to sink the oil.

If choice A is selected set score to 1.

30. Your vessel has a gasoline engine and a mechanical exhaust ventilation system. BEFORE starting the engine, the exhaust blower should be run long enough to _____.

- (A) insure at least one complete change of air in the compartments concerned
- (B) provide a proper supply of fresh air for the engine(s)
- (C) see the system is in good operating condition
- (D) warm up the exhaust blower motor

If choice A is selected set score to 1.

31. Following a Serious Marine Incident, a mariner directly involved in the incident is required to submit a urine specimen for drug testing within _____.

- (A) 2 hours
- (B) 12 hours
- (C) 24 hours
- (D) 32 hours

If choice D is selected set score to 1.

32. For small, first-degree burns, what is the quickest method to relieve pain?

- (A) apply a bandage to exclude air
- (B) immerse the burn in cold water
- (C) apply petroleum jelly
- (D) administer aspirin

If choice B is selected set score to 1.

33. Which extinguishing agent is suitable to combat a class B fire in an engine compartment?

- (A) Carbon dioxide
- (B) Foam
- (C) Dry chemical
- (D) All of the above

If choice D is selected set score to 1.

34. Which condition is necessary for a substance to burn?

- (A) The air must contain oxygen in sufficient quantity.
- (B) The temperature of the substance must be equal to or above its fire point.
- (C) The mixture of vapors with air must be within the "explosive range."
- (D) All of the above

If choice D is selected set score to 1.

35. Unless there is danger of further injury, a person with a compound fracture should not be moved until bleeding is controlled and what action is taken?

- (A) radio advice has been obtained
- (B) the bone has been set
- (C) the wound has been washed
- (D) the fracture is immobilized

If choice D is selected set score to 1.

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

- (A) pouring ice water directly onto the wound
- (B) applying direct pressure to the wound
- (C) heavy application of a disinfectant
- (D) pinching the wound closed

If choice B is selected set score to 1.

37. Which of the following is a treatment of frostbite?

- (A) wrapping area tightly in warm cloths
- (B) rubbing affected area briskly to restore circulation
- (C) warming exposed parts rapidly
- (D) rubbing affected area with ice or snow

If choice C is selected set score to 1.

38. You will extinguish a fire when you remove _____.

- (A) nitrogen
- (B) oxygen
- (C) sodium
- (D) carbon dioxide

If choice B is selected set score to 1.

39. A wobbling tail shaft is an indication of _____.

- (A) shallow water
- (B) a tight tail shaft gland
- (C) worn stern bearing or misalignment
- (D) an engine that is misfiring

If choice C is selected set score to 1.

40. What is the lifesaving signal indicating "You are seen - Assistance will be given as soon as possible"?

- (A) vertical motion of white flags
- (B) vertical motion of a white light or flare
- (C) firing of a green star signal
- (D) None of the above

If choice D is selected set score to 1.

41. The carburetor is placed on the engine to _____.

- (A) properly lubricate the engine
- (B) distribute the gasoline
- (C) mix the fuel and air
- (D) assist in priming the cylinders

If choice C is selected set score to 1.

42. When discharging a portable CO₂ fire extinguisher, you should NOT hold the horn of the extinguisher because the horn _____.

- (A) is placed directly in the flames
- (B) becomes extremely cold
- (C) could come off in your hands
- (D) becomes extremely hot

If choice B is selected set score to 1.

43. You are picking up an unconscious person that has fallen overboard in a fresh breeze. For safety reasons a small craft should approach with the _____.

- (A) wind on your starboard side
- (B) victim to windward
- (C) wind on your port side
- (D) victim to leeward

If choice B is selected set score to 1.

44. What is the primary use of antiseptics?

- (A) reduce inflammation
- (B) speed healing
- (C) prevent infection
- (D) increase blood circulation

If choice C is selected set score to 1.

45. A fuel line breaks, sprays fuel on the hot exhaust manifold, and catches fire. Your FIRST action should be to _____.

- (A) shut off the fuel supply
- (B) apply carbon dioxide to the fire
- (C) batten down the engine room
- (D) start the fire pump

If choice A is selected set score to 1.

46. When evacuating a seaman by helicopter lift, which statement is TRUE?

- (A) The vessel should be slowed to bare steerageway.
- (B) Evacuation should be from an area forward of the bridge.
- (C) If the hoist is at the stern, booms extending aft at the stern should be cradled with the topping lifts hove taut.
- (D) The litter should not be touched until it has been grounded.

If choice D is selected set score to 1.

47. A crew member has suffered frostbite to the toes of the right foot. Which is NOT an acceptable first aid measure?

- (A) Elevate the foot slightly.
- (B) Rewarm rapidly.
- (C) Give aspirin or other medication for pain if necessary.
- (D) Rub the toes briskly.

If choice D is selected set score to 1.

48. Which should NOT be a treatment for a person who has received a head injury and is groggy or unconscious?

- (A) Elevate his head.
- (B) Give a stimulant.
- (C) Stop severe bleeding.
- (D) Treat for shock.

If choice B is selected set score to 1.

49. What, when removed, will result in the extinguishment of a fire?

- (A) Nitrogen
- (B) Oxygen
- (C) Carbon dioxide
- (D) Sodium

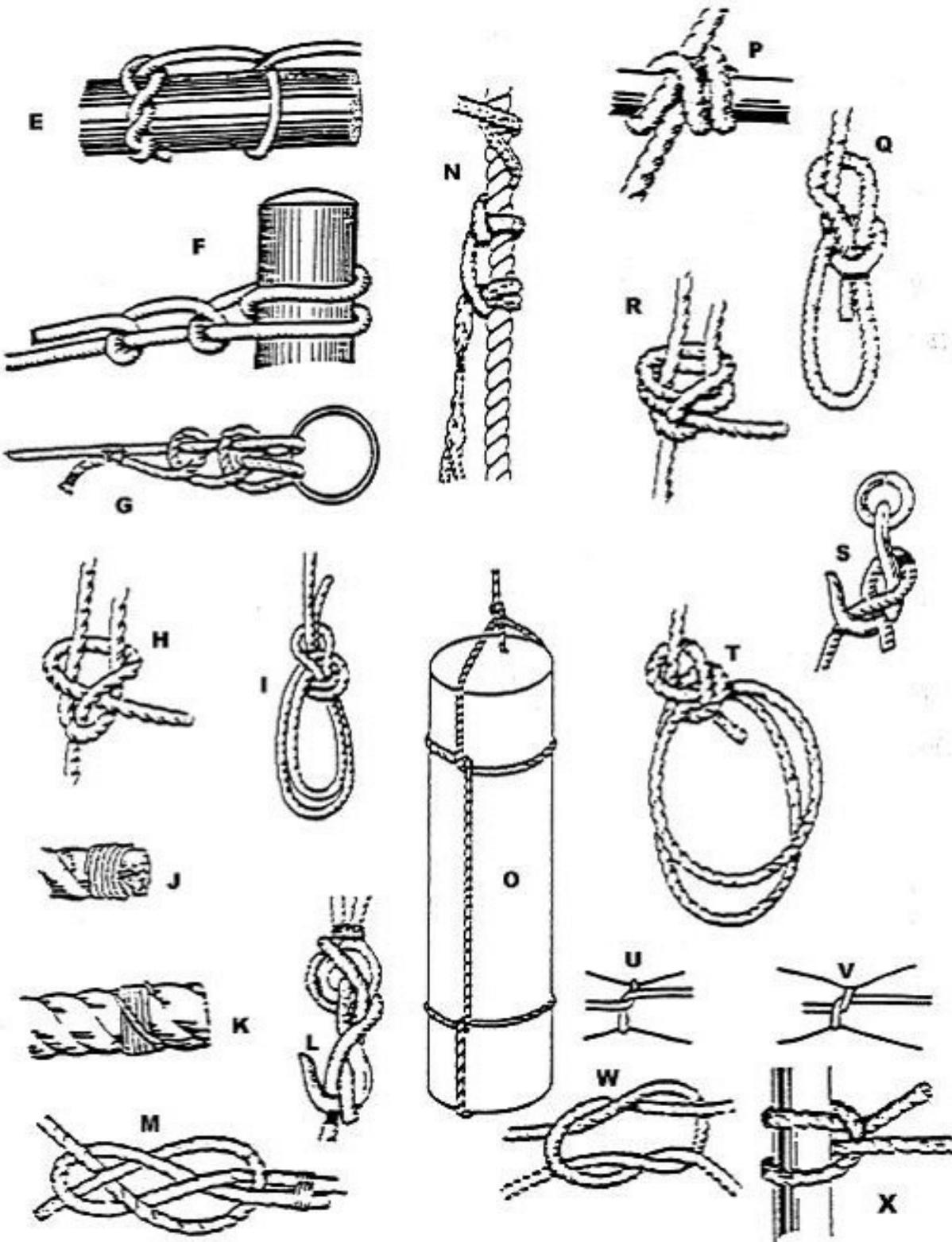
If choice B is selected set score to 1.

50. What is the proper stimulant for an unconscious person?

- (A) tea
- (B) whiskey and water
- (C) coffee
- (D) ammonia inhalant

If choice D is selected set score to 1.

D030DG



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