

U.S.C.G. Merchant Marine Exam

Master Near Coastal Less than 100 Gross Registered Tons

Q160 Deck General

(Sample Examination)

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

1. Which of the following is a rope ladder with wooden rungs?

- A. A life ladder
- B. A drop ladder
- C. A jury ladder
- D. A Jacob's ladder

Correct answer: D

2. You are preparing to slush a stay on your vessel by lowering yourself down the stay in a bosun's chair. The proper way to do this is to ride down the stay on a riding shackle in which configuration?

- A. With the pin of the shackle riding on the stay
- B. With the pin of the shackle through the chair's bridle eye
- C. With a hook attaching the chair to the riding shackle
- D. Connected to a second shackle on the chair

Correct answer: B

3. Using a safety factor of 6, determine the safe working load of manila line with a breaking stress of 8 tons.

- A. 0.75 tons
- B. 1.25 tons
- C. 1.33 tons
- D. 8.00 tons

Correct answer: C

4. Which knot in illustration D030DG below represents a single becket bend?

- A. E
- B. F
- C. G
- D. H

Correct answer: D

5. A natural fiber rope can be ruined by dampness. How is the line ruined?

- A. It will unlay
- B. It begins to rot
- C. It shrinks
- D. It stretches

Correct answer: B

6. Which is an advantage of nylon rope over manila rope?

- A. Can hold a load even when a considerable amount of the yarns have been abraded
- B. Can be stored on decks exposed to sunlight
- C. It gives an audible warning of overstress whereas manila does not
- D. Can be used in conjunction with wire or spring-lay rope

Correct answer: A

7. Which rope is the lightest in weight?

- A. Nylon
- B. Dacron
- C. Polypropylene
- D. Manila

Correct answer: C

8. What is the name of tackle number 1 as shown in illustration D029DG below?

- A. Runner
- B. Gun tackle
- C. Single whip
- D. One-fold purchase

Correct answer: C

9. Which action has a tendency to happen to a vessel proceeding along the bank of a river or channel with steep banks?

- A. The vessel will sheer away from the bank
- B. The vessel will continue in line with the bank
- C. The vessel will hug the bank
- D. The vessel will increase speed

Correct answer: A

10. Which statement is TRUE concerning River currents?

- A. The currents pick up speed where the channel widens
- B. The currents run slower in the center of the channel as opposed to the sides
- C. A current will hug the inside of a bend
- D. Currents cause the greatest depth of water on the outside of a bend

Correct answer: D

11. When piloting a vessel, how are visual references used to establish a constant rate of turn?

- A. Visual references cannot be used to maintain a constant rate of turn.
- B. Keep the fixed object's relative bearing opening, for a constant rate of turn.
- C. Begin the turn when the fixed object is on the beam.
- D. Fixed objects that stay on the same relative bearing when the ship is turning indicate a constant rate of turn.

Correct answer: D

12. A vessel traveling down a narrow channel, especially if the draft is nearly equal to the depth of the water, may set off the nearer side. What is the name of this effect?

- A. Squatting
- B. Bank cushion
- C. Smelling the bottom
- D. Bank suction

Correct answer: B

13. Which is the easiest way to anchor a vessel in a current?

- A. Stem the current and endeavor to make neither headway nor sternway when the anchor is dropped
- B. Stem the current and make very slow headway when the anchor is dropped
- C. Stem the current and be falling aft very slowly when the anchor is dropped
- D. Stop all headway through the water and keep the current astern when the anchor is dropped

Correct answer: C

14. Which type of bottom provides most anchors with the best holding ability?

- A. Soft sand
- B. Soft mud
- C. Clay and rocks
- D. Sandy mud

Correct answer: D

15. You are 15 feet off a pier and docking a vessel using only a bow breast line and stern breast line. Once the slack is out of both lines you begin to haul in on the bow breast line. What is the effect on the vessel?

- A. The bow will come in and the stern will go out.
- B. The stern will come in and the bow will remain the same distance off the pier.
- C. The bow and stern come in equally closer toward the pier.
- D. The bow will come in and the stern will remain the same distance off the pier.

Correct answer: D

16. You are using the anchor to steady the bow while maneuvering. When do you know you have the proper scope of anchor cable out?

- A. If the scope is not more than 5 times the depth of the water
- B. When the anchor is just touching the bottom
- C. When the bow is held in position with the engines coming slowly ahead
- D. When the cable enters the water at an angle between 60° and 85° from the horizontal

Correct answer: C

17. You are the Master of a single-screw vessel. You are docking at a port which has no tugs available. You decide to drop the offshore anchor to help in docking. How much chain should you out?

- A. 5 to 7 times the depth of the water
- B. NEVER use the anchor to help in docking
- C. 1 1/2 times the depth of the water to the hawsepipe
- D. Equal to the depth of the water

Correct answer: C

18. In a following sea, a wave has overtaken your vessel and thrown the stern to starboard. To continue along your original course, which action should you take?

- A. Increase speed
- B. Use more right rudder
- C. Decrease speed
- D. Use more left rudder

Correct answer: B

19. Your vessel is running in a following sea. Which term defines the motion your vessel is experiencing?

- A. Yawing
- B. Heaving to
- C. Pounding
- D. Reduced speed

Correct answer: A

20. What is meant by the term "broaching to"?

- A. Having the vessel head toward the sea
- B. Running before a sea
- C. Being turned broadside to the sea
- D. Having the vessel filled with water

Correct answer: C

21. When is the effect of wind on exposed areas of the vessel most noticeable?

- A. When turning
- B. When backing
- C. When going full ahead
- D. When going slow ahead

Correct answer: B

22. As a general rule, how will your vessel lie when it is drifting in a locale where there is no current?

- A. The bow to the wind
- B. The beam to the wind
- C. With the wind on the quarter
- D. The stern to the wind

Correct answer: B

23. While proceeding up a narrow waterway you observe a vessel berthed in the river with slack mooring lines. Which is the most prudent action to take FIRST?

- A. Give 5 short blasts on the whistle
- B. Call the US Coast Guard
- C. Reduce the speed of your vessel
- D. Contact the moored vessel

Correct answer: C

24. The possibility of wake damage can be reduced by following which action?

- A. Alternate engine speeds
- B. Slow down when passing moored vessels
- C. Apply rudder in both port and starboard directions
- D. Passing close aboard to the moored vessel

Correct answer: B

25. Regardless of local requirements, when in a U.S. port, all oil spills must be reported to which of the following agencies?

- A. Environmental Protection Agency
- B. Minerals Management Service
- C. National Response Center (USCG)
- D. All of the Above

Correct answer: C

26. Which of the following applies in determining if all requirements of the Declaration of Inspection are met for oil transfer operations prior to bunkering from a shoreside facility?

- A. Vessel and bunker facility must be independently inspected by the designated persons-in-charge
- B. Vessel and bunker facility must be inspected by a representative of the Coast Guard Captain of the Port
- C. The vessel is responsible to provide an inspected oil hose
- D. The bunker facility must be inspected by the designated person-in-charge of the vessel and vice versa for the vessel

Correct answer: A

27. What do pollution regulations require of each scupper and or drain that is located in an enclosed deck area?

- A. The scuppers must be a soft rubber plug
- B. The scuppers shall be a two-piece soft patch
- C. The scuppers must be wooden plugs
- D. The scuppers shall have a mechanical means of closing

Correct answer: D

28. According to U.S. regulations, what vessels are required to have the "Discharge of Oil Prohibited" placard?

- A. Foreign vessels when engaged in noncommercial service
- B. U.S. vessels 26 feet or more in length
- C. U.S. vessels less than 26 feet in length
- D. Foreign vessels not in U.S. navigable waters

Correct answer: B

29. A Permit to Proceed is issued by which organization?

- A. U.S. Coast Guard
- B. U.S. Department of Labor
- C. American Bureau of Shipping
- D. National Cargo Bureau

Correct answer: A

30. Which statement defines the term "gross tonnage"?

- A. The vessel's approximate volume less certain exempt spaces
- B. The weight of the vessel measured in long tons
- C. The weight of a grossly overloaded vessel
- D. The weight of a vessel with all tanks full

Correct answer: A

31. Which document lists all the lifesaving equipment required for a vessel?

- A. International Convention for the Safety of Life at Sea Certificate
- B. Certificate of Inspection
- C. American Bureau of Shipping Classification Certificate
- D. Certificate of Registry

Correct answer: B

32. What is the primary purpose of a load line?

- A. To establish maximum amidships draft
- B. To indicate the vessel's mean draft
- C. To establish transverse stability
- D. To establish the vessel's GM

Correct answer: A

33. Which certificate is issued by the American Bureau of Shipping?

- A. Safety Equipment Certificate
- B. Permit to Proceed for repairs
- C. Load Line Certificate
- D. Certificate of Inspection

Correct answer: C

34. When an Official logbook is not required, an unofficial logbook is required to be kept aboard for review by a marine inspector for _____.

- A. six months
- B. 12 months
- C. one month
- D. None of the above

Correct answer: B

35. How many months after its expiration date may a Coast Guard credential be renewed without retaking the complete exam?

- A. 1 month
- B. 6 months
- C. 12 months
- D. 24 months

Correct answer: C

36. Shipping articles are a contract of agreement between the members of the crew and who else?

- A. The Coast Guard
- B. The Chandler
- C. The Master
- D. The vessel's mortgage holder

Correct answer: C

37. You are signing on a crew. Which person is presenting a Merchant Mariner's Document (MMD) that you should suspect as being invalid?

- A. A Chief Steward with an MMD only endorsed as "Steward's Dept. (FH)"
- B. An AB with an endorsement of "Any unlicensed rating in the deck department including Able Seaman"
- C. A Purser with an MMD only endorsed "See certificate of registry"
- D. A seaman with an MMD only endorsed as "Bosun"

Correct answer: D

38. The master or individual in charge of a vessel prepares a certificate of discharge for each mariner being discharged from the vessel. Which party receives the original copy?

- A. National Maritime Center
- B. Mariner
- C. Shipping Company
- D. Officer In Charge, Marine Inspection (OCMI)

Correct answer: B

39. Which statement is true regarding the forecastle card?

- A. It advises the crew of the conditions of employment
- B. It designates the quarters a seaman will occupy during a voyage
- C. It is also known as a Merchant Mariner's Document
- D. It is posted in the crews' quarters and lists the emergency stations

Correct answer: A

40. In the regulations that apply to small passenger vessels which describes an "open boat"?

- A. A boat that is used for charter fishing or tours and is open to the public
- B. A boat that is docked and open for visitors to come aboard and tour the craft
- C. A boat on which gambling and consumption of alcoholic beverages is permitted when underway or moored
- D. A boat that is not protected from entry of water by means of a complete weathertight deck

Correct answer: D

41. In the small passenger vessel regulations, which defines a coastwise route?
- A. A route of not more than 50 statute miles from shore in the Gulf of America
 - B. A route not more than 20 nautical miles offshore in the ocean
 - C. A route not more than 20 statute miles from the nearest safe harbor in the Pacific Ocean
 - D. A route on ocean waters more than 200 nautical miles from shore in the Gulf of Alaska

Correct answer: B

42. Which statement is TRUE with reference to small passenger vessels cooking and heating equipment?
- A. It may use liquefied petroleum gas
 - B. It shall be suitable for marine use
 - C. The system cannot use gasoline
 - D. All of the above

Correct answer: D

43. Which T-Boat must be fitted with a suitable compass?
- A. A vessel engaged in ocean or coastwise service
 - B. A vessel operating on a short, restricted route on lakes, bays, and sounds
 - C. The regulations do not require a compass on any vessel
 - D. A vessel in river service

Correct answer: A

44. Before issuing an initial Certificate of Inspection, who must consider the construction arrangement and equipment of a vessel to be acceptable? (small passenger vessel regulations)
- A. Officer in Charge, Marine Inspection
 - B. American Bureau of Shipping Surveyor
 - C. U.S. Salvage Marine Surveyor
 - D. U.S. Customs Collector

Correct answer: A

45. A vessels Certificate of Inspection will show which information? (small passenger vessel regulations)
- A. The minimum firefighting and lifesaving equipment
 - B. The crew requirements
 - C. The route permitted
 - D. All of the above

Correct answer: D

46. A Certificate of Inspection for vessels of less than 100 gross tons carrying more than twelve passengers on an international voyage will be issued for a period of which duration? (small passenger vessel regulations)
- A. Four years
 - B. Three years
 - C. Two years
 - D. One year

Correct answer: D

47. Under which conditions is the owner, agent, Master or person-in-charge of a small passenger vessel involved in a marine casualty NOT required to notify the Coast Guard?
- A. A death or injury to a shipyard worker or harbor worker not resulting from the vessel casualty
 - B. An injury which requires only first aid treatment
 - C. If property damage is less than \$25,000
 - D. All of the above

Correct answer: D

48. What must be mounted at a small passenger vessel's operating station for use by the Master and crew?
- A. Instructions on artificial respiration
 - B. The location of the first aid kit
 - C. Emergency Instructions
 - D. A tide table for the area

Correct answer: C

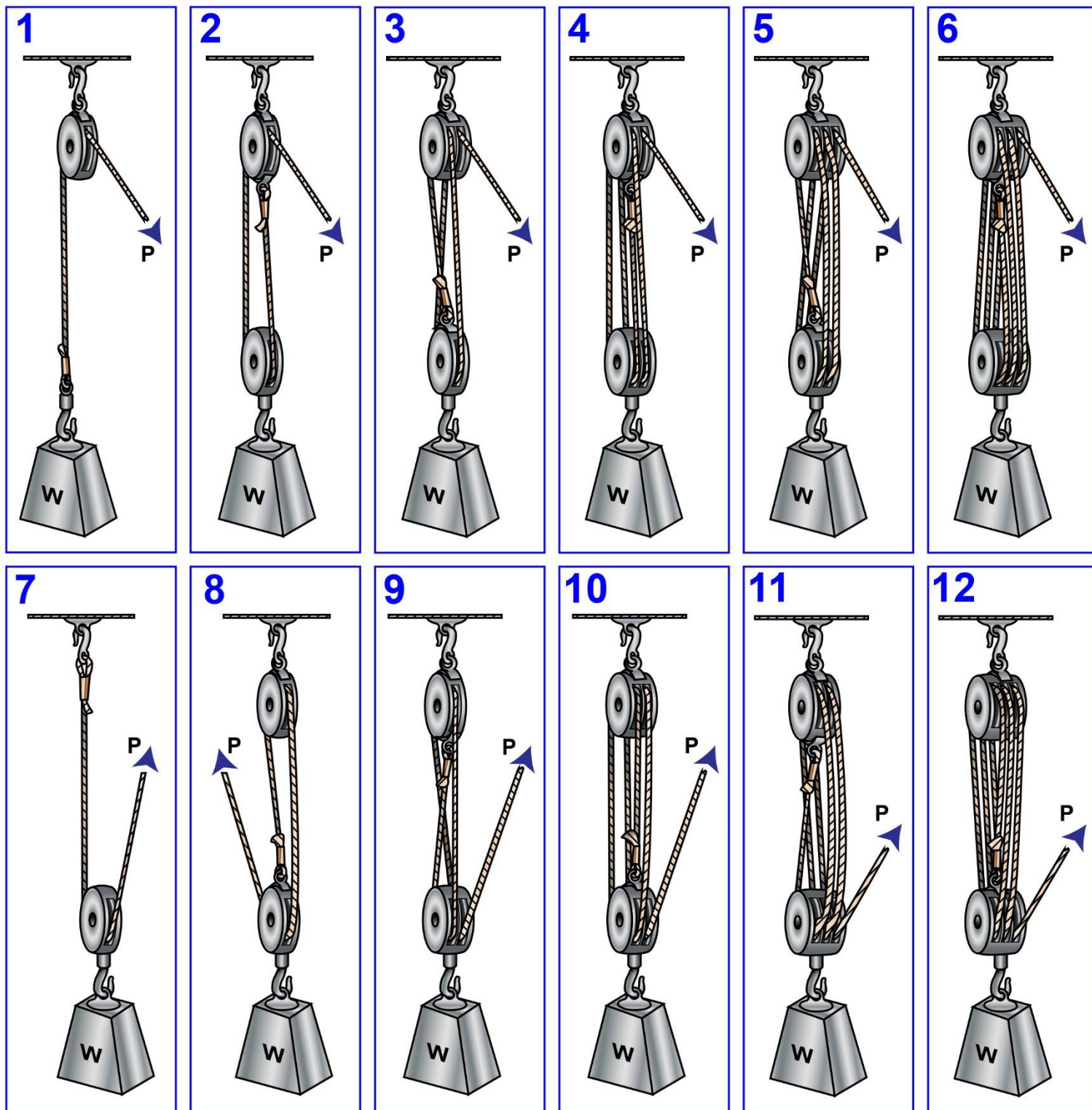
49. When an autopilot is being used aboard small passenger vessels, who must make or supervise the changeover from automatic to manual steering and vice versa?
- A. A certified quartermaster
 - B. The Master or Mate on watch
 - C. A qualified Engineer
 - D. A credentialed state or federal pilot

Correct answer: B

50. A documented vessel's name is marked on a clearly visible exterior area of both sides of the bow and on the stern in block letters. What is the size requirement of the markings?
- A. Not less than 6 inches in height
 - B. Not less than 5 inches in height
 - C. Not less than 4 inches in height
 - D. Not less than 3 inches in height

Correct answer: C

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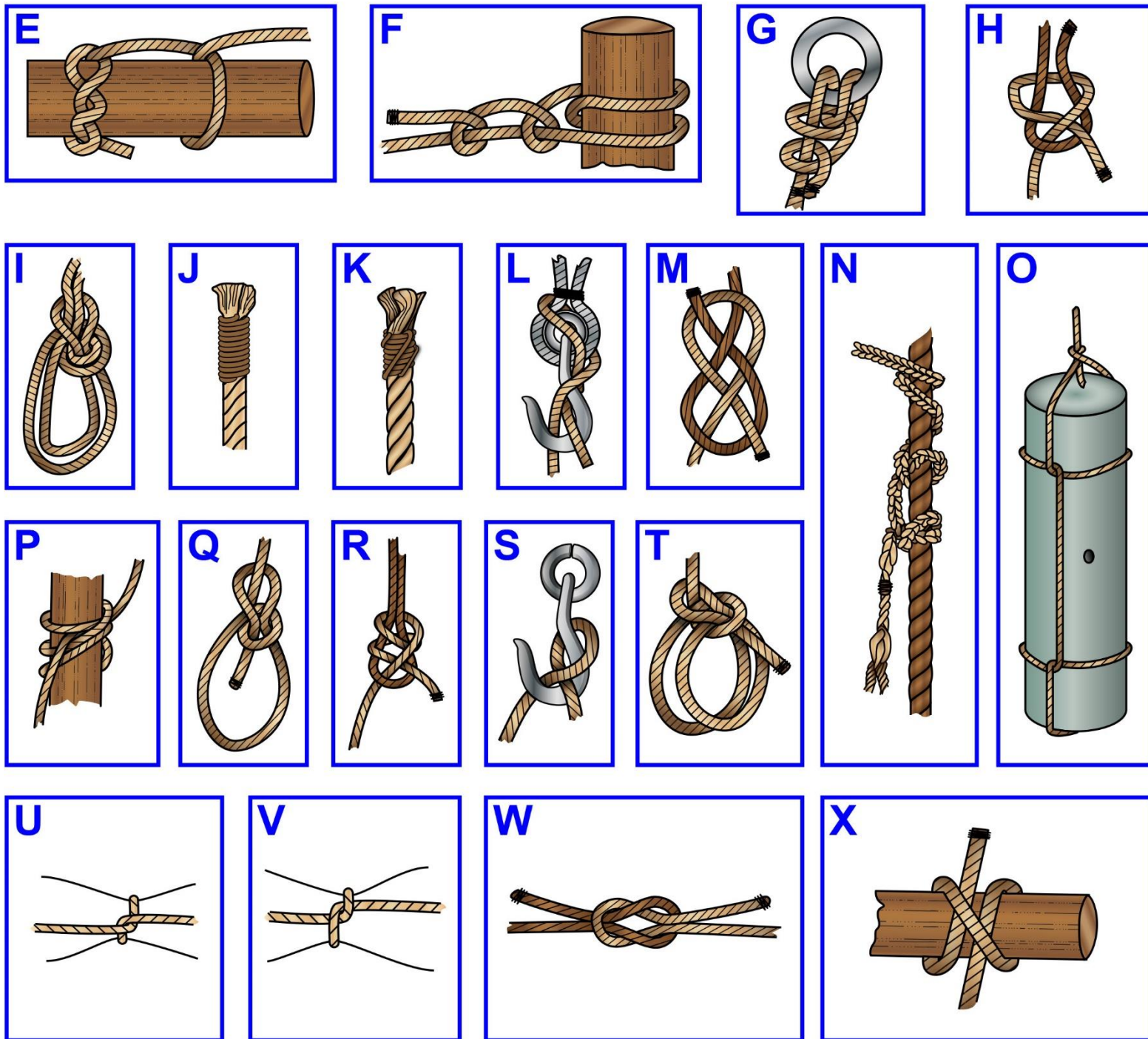


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