











26. You are in charge of a towing vessel that operates exclusively on inland waters. You regularly tow barges that provide services (cargo lighters, fuel barges, etc.) to foreign flag vessels in port. What will be accepted as proper credentials for you and your crew?
- A. No credentials are required since you operate on inland waters only
  - B. Social Security card
  - C. Merchant Mariner Credential
  - D. State driver's license with photo ID

Correct answer: C

27. Your ship is in shallow water and the bow rides up on its bow wave while the stern sinks into a depression of its transverse wave system. What is this called?
- A. Broaching
  - B. Fish tailing
  - C. Parallel sinkage
  - D. Squatting

Correct answer: D

28. Under which circumstance is a 30,000 DWT tankship required to have an IOPP certificate?
- A. If calling at ports in another country signatory to MARPOL 73/78
  - B. Only when carrying cargoes listed in the MARPOL regulations
  - C. When engaged in the coastwise trade
  - D. Only if going foreign

Correct answer: A

29. You are loading in a port governed by the tropical load line mark for a voyage to a port governed by the winter mark. The fresh water allowance is 5 inches, and the hydrometer reads 1.005. Which statement is TRUE?
- A. You may only load to the winter mark plus a brackish water allowance of 4 inches.
  - B. Your draft must not exceed the winter mark plus the fresh water allowance upon arrival off the discharge port.
  - C. You may load to the tropical mark plus 1 inch brackish water allowance.
  - D. You must load so that each zone mark will not be submerged upon entering the zone.

Correct answer: D

30. You are on a 120,000 DWT loaded bulk carrier. What is a safe docking speed when approaching a berth?
- A. Any speed in a head current
  - B. Bare steerageway
  - C. Any speed in a following current
  - D. 5 knots

Correct answer: B

31. What is a sheave?

- A. A line to hold a lifeboat next to the embarkation deck
- B. A grooved wheel in a block
- C. A seaman's knife
- D. A partial load of grain

Correct answer: B

32. What is the FIRST action to take if you detect oil around your tank vessel while discharging petroleum products?

- A. Shut down operations
- B. Have the pumpman check the discharge piping
- C. Call the Master
- D. Try to find out where the oil is coming from

Correct answer: A

33. Which agency both assigns load lines, and issues Load Line Certificates?

- A. The Secretary of Commerce
- B. The American Bureau of Shipping
- C. The U.S. Coast Guard
- D. The U.S. Customs

Correct answer: B

34. The Certificate of Inspection for your tankship authorizes the carriage of grade A and lower products. Which chemical may NOT be carried unless it is specifically endorsed on the Certificate of Inspection?

- A. Vinyl acetate
- B. Diisobutyl Phthalate
- C. Oleic acid
- D. Amylene

Correct answer: A

35. 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. Equal to the depth of the water
- D. 1 1/2 times the depth of the water to the hawsepipe

Correct answer: D

36. When bunkering at anchorage which of the following signals must be displayed?

- A. A red flag by day, red light by night
- B. A red light by night ONLY
- C. A red flag by day ONLY
- D. No signal required at anchorage

Correct answer: C

37. The safe working load (SWL) of wire rope with a safety factor of 6 is what percent of its strength?

- A. 10%
- B. 17%
- C. 50%
- D. 80%

Correct answer: B

38. Each hose used for transferring vapors must be which of the following?

- A. be electrically continuous with a maximum resistance of 10,000 ohms
- B. be capable of withstanding at least 2.0 psi vacuum without collapsing or constricting
- C. have a design burst pressure of at least 25 psig
- D. All of the above

Correct answer: D

39. You are preparing to load fuel oil on a vessel of 300 gross tons constructed after June 30, 1974. Before loading, which statement is TRUE concerning fuel oil tank vents?

- A. The vents are not obstructed by on-deck cargo in a ten foot radius
- B. Each vent must have a fixed containment with a capacity for at least one half barrel
- C. Each vent is required to have a fire extinguisher within the immediate area
- D. All vents are opened and the flame screen removed for efficient flow

Correct answer: B

40. Which item is designed to be a safety stopper that prevents the anchor cable from running free if the cable jumps the wildcat?

- A. The riding pawl
- B. The buckler plate
- C. The devil's claw
- D. The spill pipe

Correct answer: A

41. Before welding in a tank barge that has carried petroleum products, who must certify the tank to be safe for hot work?

- A. The shipyard fire department
- B. A certified marine chemist
- C. The Coast Guard
- D. The American Bureau of Shipping

Correct answer: B



42. Which of the following is not an acceptable unit of measure to be used consistently throughout an Oil Record Book?
- A. Gallons
  - B. Cubic meters
  - C. Barrels
  - D. Tons

Correct answer: D

43. When lowering manropes alongside a stage rigged over the side of a vessel, they should be allowed to trail in the water to serve which purpose?
- A. It allows the seamen on the stage to know the direction and strength of the current
  - B. To easily remove the kinks that form in the lines
  - C. To provide the seaman something to hold onto if he or she falls from the stage into the water
  - D. This is done only for short periods of time since they will become waterlogged and be very heavy to pull up

Correct answer: C

44. In accordance with Coast Guard Regulations, which statement is TRUE with regards to Coast Guard approved buoyant work vests?
- A. They should be stowed in engineering spaces in lieu of approved life jackets because they are less bulky and permit free movement in confined spaces
  - B. A work vest should not be stowed where they could be confused with life jackets in an emergency
  - C. The vests may be used as a substitute for approved life preservers during routine drills, but never during an emergency
  - D. All of the above

Correct answer: B

45. What best describes for how long a gas-free test is good?
- A. For as long as is indicated on the gas-free certificate
  - B. Until changes in temperature or pressure affect the vapor content in the space
  - C. For the instant that it is made
  - D. Until valves in line with the tank or compartment are reopened

Correct answer: C

46. You are preparing to load a heavy cargo with abnormal physical dimensions onboard your vessel. Which of the following is of primary importance when planning the load?
- A. Ensuring the maintenance of adequate stability throughout the voyage
  - B. Comparing how much cargo can be loaded on top of the abnormal units
  - C. Comparing the broken stowage factor of the unit to other cargo in the hold
  - D. Ensuring the proper customs forms and labels are on the units

Correct answer: A

47. Who is responsible for any wake damage caused by a passing vessel?

- A. The person deemed competent to steer the vessel
- B. The person in charge of the passing vessel
- C. No one is responsible for wake damage
- D. The owner of the damaged vessel

Correct answer: B

48. Safety shackles are fitted with which items?

- A. A round pin, with a cotter pin
- B. Round pins and locknuts
- C. A threaded bolt
- D. A threaded bolt, locknuts, and cotter pins

Correct answer: D

49. 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

50. How long must the operator of each vessel engaged in a vessel-to-vessel oil transfer operation keep a signed copy of the declaration of inspection for?

- A. 10 days
- B. 1 month
- C. 6 months
- D. 1 year

Correct answer: B