GUIDE QUESTIONNAIRES
for seafarers

The Annual Publication of Database of Questionnaires is mandated in Republic Act 10635 or the Act Establishing the Maritime Industry Authority (MARINA) as the Single Maritime Administration Responsible for the Implementation and Enforcement of the 1978 International Convention on Standards of Training, Certification and Watchkeeping for Seafarers, 1978, as amended and International Agreements or Covenants related thereto and its Implementing Rules and Regulations.

These sample questions have been reviewed and validated by our respective Board of Examiners which may serve as a guide for the review of aspiring Marine Deck and Engineering Officers, towards the successful completion of the Theoretical Examination.

The following sample questions do not reflect the actual set of database of questions given during the theoretical examination. Examinees are encouraged to study the contained sample questions and probable answers as they are intended to give an indication of the format and difficulty level of the theoretical examination.

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Thank you.

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FUNCTION 4 – Competence 11

1. How many months is the maximum validity of derrating certificate.

2. The criteria for inflammable gases concentration for entering tanks shall be at least ________.

3. Under Annex V to MARPOL 73/78, garbage discharged from the vessel that are located between 3 and 12 nautical miles from nearest land must be ground to less than how many inches?

4. Which of the following limit of an angle from which the rudder angle should not exceed?

5. International Convention on control of harmful Anti-Fouling Systems on ships entered into force on______.

6. The oil content monitoring for engine room bilge shall be zero adjusted every how many months after cleaning the light receiving unit?

7. As with the certificate of class, statutory certificates for cargo vessels are generally valid for how many years?

8. In general, a ships dry-docking and repairs shall be carried out once every ______.

9. The Ship Maintenance Division Manager or its equivalent shall offer the dry-docking work specification to several shipyards before dry-docking takes place at least _____.

10. International Regulations require a single tail-shaft with water lubricated tailshaft bearings, stress-relieved keyway, and fabricated from materials resistant to corrosion by sea water, to be drawn and examined once in every______.

11. In general, fuels leaving the refinery have a sodium level below______.

12. Which limit of an angle should the rudder not exceed?

13. The minimum flash point of a marine residual fuel should not be less than______.
14. The maximum pour point of a residual fuel should not be more than_____.

15. Engines for lifeboats are required to have sufficient fuel to operate for how many hours?

16. According to regulation of MARPOL 73/78, all ships outside special areas can jettison metal at distance from shore of not less than_____.

17. The Oil Record Book must be maintained onboard the vessel for_____.

18. What is placed on the underside of an inflatable liferaft to help prevent it from being skidded by the wind or over turned?

19. Which of the following is NOT required to be provided as part of the appendixes of the Shipboard Oil Pollution Emergency plan?

20. Pollution Prevention Regulation state that NO person may transfer oil to or from a vessel UNLESS__________.

21. “Prohibited oil spaces” as specified in the Pollution Prevention Regulations provide regulations for which of the following?

22. If water is rising in the bilge of a survival craft, you should first_____.

23. Special hazards in transporting bulk LPG includes ________.

24. Which of the following vessel’s making a sea voyage requires to keeping an oil record book?

25. Which of the following source/s is/are implemented onboard ships?

26. A shipboard oil pollution emergency plan (SOPEP) is required of______.

27. While taking on fuel oil, the transfer hose begins leaking, causing a sheen on the water. You should______.

28. The air spaces in the floor of an inflatable raft will provide protection against______.

29. What is the function of centrifugal brake mechanism incorporated in a lifeboat handling winch?
30. Most lifeboats are equipped with_____.

31. When discharging clean ballast, prior to entering the loading port, if the ballast is determined by the oil monitor to exceed 15 parts per million of oil, the deballasting must_____.

32. When a magnetic compass is not used for a prolonged period of time it should_____.

33. When launching a lifeboat, frapping lines should be rigged_____.

34. Which of the lifeboat parts listed must be painted bright red?

35. Which of the following liquids can ordinarily be discharge overboard without being processed through an oily water separator?

36. Port State Control verifies compliance of which of the following regulations or requirements of foreign flagships through the inspection of documents and survey of the ship. What is this called?

37. Which of the following document is used to verify lowest number of crew that can safely run a vessel?

38. A great deal of attention is paid to the well being of the ships by national and international regulation and during design and operation for the sake of __________.

39. Oil Pollution Prevention Regulations states that a ship's oil bilge slops may be pumped in port only if ___.

40. International Regulations require watertight doors in cargo vessels to be __________.

41. The fuel tanks of motor-propelled lifeboats shall be_____.

42. Before taking a bunker at a bunkering station, it is necessary for a ____________ from the supplier to be examined and compared with the instruction form of the owner or charterer.

43. MARPOL 73/78 covers not only accidental and operational oil pollution but NOT pollution by ___________.

MANAGEMENT – ENGINE
44. If help has not arrived in 10 -12 hours after having abandoned in a survival craft, you should______.

45. A 1500 gross ton vessel (constructed before July 1, 1974) equipped with a fill fitting for which discharge containment is impractical to______.

46. A new ocean going ship of 2000 gross tons having an inoperative oily water separator may dispose of its bilge slops by ________.

47. Which of the following crewmember should be knowledgeable with the laws of flag state?
   I. Master
   II. Chief Officer
   III. Chief engineer

48. Necessary data included in the oil pollution prevention certificate issued to a cargo vessel as per MARPOL requirement_________.
   I. Port of registry
   II. Distinctive number
   III. Gross tonnage

49. After issuance of an IOPP certificate the kinds of surveys to be conducted to have continuous validity.
   I. Initial
   II. Annual
   III. Intermediate

50. Ship Safety Certificate is issued after complying the important requirements to be surveyed of a passenger vessel which are the _________.
   I. line throwing appliances
   II. lifeboats and life-rafts
   III. watertight subdivision

51. Who are covered by the enforcement of rest periods under fitness for duty regulation of STCW?
   I. Those whose duties involve designated safety
   II. those whose duties involve designated security
   III. those whose duties involve designated pollution prevention

52. As provided in the 73/78 MARPOL conventions, the procedures to be followed by a general cargo ship so it can discharge processed bilge water lawfully are_______.

MANAGEMENT – ENGINE
I. ship proceeding enroute
II. auto stop if oil content more than 15 PPM
III. automatic monitoring system of facilities

53. Which of the following machines have emergency stop outside of engine rooms?
   I. Bilge pump
   II. Ballast pump
   III. Fuel purifier

54. Which of the following statutory law must be followed onboard?
   I. Safety of vessel and crew
   II. Protection against pollution
   III. Crew employment conditions

55. Provided under Annex I of the MARPOL 73/78 conventions, considered as oil pollutants are ___________.
    I – Asphalt solution   II – Graphite grease   III – Turbine Lube Oil

56. The important contents of the message to be sent to authorize entities when the vessel accidentally discharge harmful substances during navigation are ____________.
    I. IMO Product Number
    II. Kind of Product
    III. Position where accident happened

57. These are the necessary data to be included and verified before the issuance of the International Oil Pollution Prevention certificate to a cargo vessel as stated in the 73/78 conventions.
    I. Distinctive number
    II. Port of registry
    III. Gross tonnage

58. The systems to be surveyed and passed of the equipment used in the discharge of engine room bilge before the issuance of an international oil pollution prevention certificate are ____________.
    I. Oil discharged monitoring
    II. control system of equipment
    III. Oil separating equipment

59. A provided in the 73/78 MARPOL conventions, these are the conditions that must be complied in order that a cargo dry vessel 400GRT or above can lawfully discharge into the sea machinery spaces bilge water.
I. Ship is not within special areas
II. Ship is more the 12 miles from land
III. Oil affluent is less than 100 PPM

60. Who are the necessary entities to be informed without delay when there is accident on board involving discharge of harmful substances as provided in the 73/78 MARPOL Conventions?
I. Ship administration
II. Ship owner
III. State where incident happened

61. The sludge tank installed in the diesel engine room is used to collect
I. sludge from the fuel oil centrifuge
II. water that has been collected in the settling tank

62. Which of the following is considered as oil pollutants provided under annex I of the 73/78 MARPOL conventions?
I. Asphalt solutions
II. Alcohol solution
III. Vegetable oil

63. Major classification society undertakes a broad range of activities under strict quality standards to insure the protection of life, property and the environment at sea. Ships sailing on international routes must be classified by a society is a requirement of which of the following?

64. One feature of an inflatable raft which helps keep people stationary in rough weather is the set of_____.

65. As define in the 73/78 MARPOL Conventions, the liquid hydrocarbon mixture occurring naturally in the earth suited to be transported onboard TANKER vessel even without being treated is the_____.

66. When completing the ballasting operation of a contaminated tank, which of the following problems must be guarded against?

67. The use of alternative certificates is not intended to ____________.

68. When using the hand crank to retrieve and stow a lifeboat on gravity davits, which of the listed precautions should always be observed?
69. The grounding of Exxon Valdez off Alaska Coast leads to the creation of______.

70. The person-in-charge shall ensure that each lifeboat is lowered to the water, launched, and operated at least once every______.

71. Among other restrictions, an oil tanker may not discharge an oily mixture into the sea from a cargo tank, slop tank, or cargo pump room bilge unless the vessel is______.

72. Which of the following document is used to verify lowest number of crew that can safely run a vessel?

73. Under the ISM Code, what is an identifiable deviation that poses a serious threat to the safety of personnel or a serious risk to the environment that requires immediate corrective action and includes the lack of effective and systematic implementation?

74. Which of the following should be adopted each time a product tanker will load kerosene or gasoline to the tank?

75. When inspecting a stored inflatable life-raft on deck, you should make sure that the operating cord is______.

76. Disposal of floating dunnage, lining & packing materials outside special area can be made if______.

77. What action should be taken if an incorrect entry were made in the Oil Record Book?

78. Your vessel is taking on fuel oil when a small leak develops in the hose and you have ordered the pumping stopped. Before resuming pumping you should_____.

79. Pollution Prevention Regulations state that no person may transfer oil to or from a vessel unless______.

80. Bilges may be pumped______.

81. Who is given the blanket authority to grant on MARPOL Certificate to vessels in the Philippines?
MANAGEMENT – ENGINE

82. Oil pollution regulations require any transfer, or discharge of oil or oily water should be recorded in ________.

83. An ocean going ship of 400 gross tons or above must be fitted with a standard oil discharge shore connection be substituted with a suitable______.

84. Coast Guard regulations require all automatically fired low pressure heating boilers to have an automatic ______________.

85. Which of the following is NOT a function of the pressurized air supply for a fully enclosed lifeboat?

86. Why is it important to test lifeboat davit limit switches on a regular basis?

87. Before setting out on a three day voyage, Regulations require that the steering gear, whistle and communications system between the bridge and engine room must be tested within how many hours prior to departure?

88. Each pressure gage used in an oil transfer operation must be accurate to within ____________.

89. Passenger vessels shall maintain an Oil Record Book, if the vessel is ________.

90. What is the validity of a load line certificate issued to a cargo ship?

91. Which ship must maintain Part II (Cargo/Ballast Operations) of the Oil Record Book?

92. The number of certificated able seamen and life-boatmen required on board is listed in the ____________.

93. The Safety Equipment Certificate shows that the vessel conforms to the standards of the ____________.

94. Which of the following Is NOT a special areas in Annex I of MARPOL 73/78?

95. What do you call a document certifying the correctness of the load line marks on a vessel?
96. The International Maritime Conventions covers which of the following areas?

97. The overall responsibility in maintaining the Oil Record Book is given to _______________.

98. If the vessel's load line certificate is expired, are you allowed to sail?

99. What do you call the highest governing body of IMO composed of all member states?

100. The order of importance in addressing damage control is ___________.

101. Which of the following kind of document or certificate verifies that the ship carries the number of crew that can run the vessel safe and effective?

102. The sections of an Oil Record Book preceding the log pages contain a __________.

103. What do you call a tank constructed in tanker intended to collect drains or oily mixture used in cargo tank cleaning as provided in the 73/78 Marpol Conventions?

104. Who shall provide evidence of its commitment to the development and implementation of the QMS and continually improving its effectiveness?

105. The process of grinding, shredding, or reducing the size of sewage particles is known as _____.

106. The process of grinding or shredding sewage into smaller particles is known as _____.

107. Oil Pollution Prevention Regulations states that a ship’s oil bilge slops may be pumped in port only if ____________.

108. The practice to be done when a vessel is in port and necessary to pump bilges is to pump only ________.

109. If an incorrect entry were made in the Oil Record Book, you should ____________.
110. What are possible consequences of shipboard operations that is a risk to environment?
111. What does International Convention on control of harmful “Anti-Fouling Systems” requires all ships to have/carry?
112. An overload in which of the listed motors will result in the illumination of an indicating light at the propulsion control station alarm panel?
113. MARPOL 73/78 covers not only accidental and operational oil pollution but NOT pollution by_________.
114. A vessel is in compliance with federal regulations regarding the discharge of sewage by _______.
115. Prior to entering a shipboard on compartment containing spilled sewage, you should test the atmosphere in the compartment for _______.
116. The enclosed space entry permit/pan contains what detail/s? I - Method and duration of communication, II - Names of person/s entering, III - Name of enclosed space to be entered
117. According to international Regulations, oil transfer should not be carried out unless_____. I - Payment has been made, II - All scuppers are plugged, III Pipes not part of the transfer system is blanked off
118. What is the most important of all UN treaties dealing maritime safety?
119. What immediate action should be done if water is continuously rising in the bilge of a survival craft?
120. During the course of a voyage, a seaman falls on the main deck and injures his ankle. The Master should submit a Report of Marine Accident, Injury or Death if the __________.
121. Which of the following is often considered to be the "branch of jurisprudence that governs ships and shipping?"
122. Which of the following kind of statutory certificate is being renewed where the "plimsoll" works are measured and conform to the measurement during its construction?
123. Which statement is true concerning all vessels equipped with refrigeration units of over 20 cubic foot capacity?

124. Which of the following represents the maximum percent of oxygen by volume, permitted to be discharge by a ships inert gas system when operating properly?

125. What is an entity responsible for implementing the provisions of International conferences and Conventions?

126. As provided in Regulations I of Annex V of MARPOL 73/78, what is defined as domestic and operational wastes?

127. The organization that certifies the safe working load of cargo cranes on a vessel is the _________.

128. As per the ISM Code, what is a statement of fact made during a safety management audit and substantiated by objective evidence?

129. Disposal of floating dunnage lining & packing materials outside special area can be made if _________.

130. What should be done if a leak in an oil hose coupling cannot be stopped by tightening the coupling bolts?

131. In the Oil Record Book, comprehensive lists of operational items are grouped into operational sections. Each section is codified by a/an _________.

132. Which of the following type of garbage is allowed to be discharge at sea under the Marpol convention in the high seas?

133. When should scuppers on deck during bunkering be plugged?

134. Oil pollution regulations require any transfer, or discharge of oil or oily water should be recorded in _________.

135. Some fleets registered to irresponsible governments have a hundred times casualty rates than those of the best so the IMO created which of the following to address this problem?

136. In sewage treatment, the term ‘maceration’ refers to the process of ______.
137. A pneumatic pressure tank is installed in a sanitary system to ________.

138. What is the main reason for implementing provisions of International Conferences or Conventions onboard?

139. Which of the following document given to the officer of a vessel issued by an administration a certificate of competency in exceptional necessity to fill a vacant position in short period?

140. Load line is assigned to a vessel to ensure adequate stability and ____________.

141. The purpose of International Safety Management Code is to provide an international standard for the safe management and operation of the ship and for ________________.

142. IMO was established to adopt legislation while the signatory governments are responsible for its ____________.

143. Which of the following can be a member of IMO?

144. Who is authorized to approve any alteration on the structure of the vessel after it has been previously surveyed and certificated?

145. What is the primary reason why International Conventions and agreements necessary to be implemented onboard worldwide plying vessels?

146. It is the recommended procedure as provided in the 1974 SOLAS convention in discharging ballast water in double bottom tank designed and previously loaded with fuel oil. What is it?

147. In controlling pollution, which action should be taken after all dirty ballast has been transferred to the slop tank and prior to discharge through the oily water separator?

148. The supplement to the IOPP Certificate contains what type of data?

149. As per the ISM Code, in matters of safety and pollution prevention, whose commitment, competence, attitudes and motivation determines the end result?
150. How many years is the validity of a load line certificate issued to a cargo ship?

151. Which type of Marine Sanitation Device (MSD) is used solely for the storage of sewage and flush-water at ambient air pressure and temperature?

152. What do you call the drainage from medical premises such as wash basins, tubs, as well as drainage from loading spaces of living animals onboard as defined in the 73/78 MARPOL conventions?

153. Each operation involving the transfer of oil or oily mixture that requires an entry in the OIL Record Book shall be fully recorded ________________.