

**IMO AND INTERNATIONAL CONVENTION – ME 701**

**PART A- QUESTIONS(2 Marks Each)**

**UNIT 1**

1. Mention the motive of IMO.
  2. Write the four important committees of IMO.
  3. Explain what STS is.
  4. Mention the special requirements for carriage of oil in Antarctic area.
  5. What is "Tacit acceptance"?
  6. Who formed IMO and in which year.
  7. Name few convention which were formed before the Existence of IMO.
  8. How many members are there at present with IMO?
  9. Name ANY 3 convention under IMO.
  10. What is IMCO?
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**UNIT 2**

11. Name few Lifesaving appliance.
12. What is Initial Survey and certification?
13. What is Intermediate survey and certification?
14. What is Renewal survey and certification?
15. Mention the ventilation requirement for Machinery space.
16. Mention the ventilation requirement for Oil tanker pump room.
17. What are all the ventilation fan requirement for RO-RO?
18. What is the interval for Abandon ship drill?
19. Mention various codes as per SOLAS.
20. The time necessary for the complete closure of the water tight door, when operating by hand gear.

**UNIT 3**

21. For which ship CLC conventions is applicable.
22. Which year OILPOL adopted and which country brought it?
23. Which Amendment was made in MARPOL after EXXON Valdez accidents?
24. Which accident leads to the evaluation of MARPOL?
25. What is SDR?
26. What is COLREG?
27. Which year Double hull amendment brought in and in which convention?
28. What is TSS?
29. What is OPRC-HNS act 2000?
30. What is IOPC?

**UNIT 4**

31. Which topic is covered by SOLAS chapter 10?
  32. What is ISM code, what is the purpose of ISM code and its objective?
  33. Who is DPA, explain his function as per ISM.
  34. Explain Master's responsibility and authority as per ISM?
  35. What is STCW?
  36. What is DOC?
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37. What do you mean by NC as per ISM?
  38. What is IGC?
  39. EPIRB expand and to whom it will send single?
  40. Expand SART and how the single from SART received?
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#### **UNIT 5**

41. As per ILO convention what is the minimum rest period required for sailors?
42. Name the security level as per ISPS.
43. As per ISPS explain SSO.
44. Name some classification society.
45. What is Recognised Organizations?
46. What is ITF?
47. What will happen if the vessel certificate getting expired
48. What is MLC?
49. What is WHO?
50. What is IMGS?

#### **PART B - QUESTIONS(4 marks each)**

##### **UNIT 1**

51. Mention the motive of IMO and its priority
52. What is "Tacit acceptance"?
53. Write about the Structure of IMO.
54. What is a Convention?
55. What do you understand by the term Amendments?
56. What is the meaning of Ratification of a Convention?
57. What is the scope of MEPC?
58. What is Scope of MSC?
59. What do you understand by the term Entry in to force?
60. How the conventions are enforced in practice?

##### **UNIT 2**

61. Writ short notes on Life buoy.
62. What is Hold, and dry space water ingress alarms?
63. Write short notes on White list.
64. What are the requirement of helipad area on the ship, what are the safety to be followed?
65. What is Global & uniform implementation of harmonized system of survey and certification?
66. Mention few mandatory certificates carried on board Ship.
67. Mention the details on Life boat fall maintenance.
68. What are safeties in steering gear?
69. Mention the bilge pump and its regulation for Engine Room.
70. What is bilge injection system and how is it connected to in ER?

##### **Unit 3**

71. Explain briefly about CLC conventions.
72. Explain Port state control in LOSC.
73. Write short notes about marine insurance.

74. Write short notes on IOPC?
  75. Reference to pollution, Explain OPRC.
  76. Explain HAUGE- Visby rule.
  77. What do you understand by Single hull phasing out?
  78. Explain briefly Double hull amendment.
  79. Write short note about LLMC.
  80. What is OPA 90?
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#### **Unit 4**

81. Write short note on IGC code.
82. What is ISM code, what is the purpose of ISM code and its objective?
83. What is EPIRB and how it is used on board.
84. Explain Master's responsibility and authority as per ISM?
85. What is STCW , Explain 5 points about STCW 2010
86. Briefly Explain VDR.
87. Briefly explain the function of SART.
88. Write short note on IMDG code.
89. What are the certificates carried on board as per ISM
90. What is NCR?

#### **UNIT 5**

91. As per ILO convention what is the minimum rest period required for sailors?
92. As per ISPS, explain the declaration of security level.
93. As per ISPS explain SSO.
94. What is IACS?Name their members.
95. What is flag State?
96. What is PSC and what is their Scope?
97. Write brief note on ITF.
98. Write Brief note on MLC.
99. What is restricted area as per ISPS?
100. What is CSO?

### **PART C - QUESTIONS(14 marks each)**

#### **Unit 1**

101. A) Explain the History of IMO.  
B) Name few important Conventions of IMO.
102. A) Write short notes about NGO.  
B) Write short notes about IGOs.  
C) Write short notes about MSC.  
D) Write short notes about MEPC.
103. A) Explain load line Act.  
B) Sketch PLIMSOL mark and what is the meaning of marking **S, F., T., WNA** etc.?  
C) Explain what is MSDS, and its importance  
D) What are the items mentioned in Annex VI, explain 2010 amendments for above annex?
104. Discuss about the various activities of MSC
105. Write about SOLAS history & how many chapter it has & give brief note about each chapter.

#### **Unit 2**

106.A) Write about steering gear regulation for rudder movement time for normal & with emergency steering and the engine speed.

B) Mention the safety regulation on the steering gear for the power failure and the low LO level, and the communication system.

107. A) In the UMS system of automation **explains** slowdown or shutdown.

B) Explain about the communication devices between the bridge and engine room.

108. As per SOLAS regulation what are all the requirements of Emergency power a) for the passenger ship .b) location of the device, c) starting device for the above d) bad weather under what critical condition it should be able to start e) diesel oil character and storage tank safety, f) for cargo ship minimum safe running hours.

109. A) Explain the On board training to be given in a ship and the record to maintain.

B) What is training manual on board, what important items are mentioned in it, and where is it kept on board.

110.A) As per SOLAS, Explain how often a) the fire drill and b) abandon ship drill need to be carried out, and the checks needed to carry out.

B) In the life boat explain the Maintenance of falls, and the life boat various checks and inspection.

B) In the ship where are the places hydrostatic release being used, explain the use and the routine inspection.

### UNIT 3

111. A) Explain about OPA 90 act.

B) Write the double hull MEPC amendments.

C) What is i) CAS, ii) Enhanced survey programme. Explain the regulation.

112.A) Write the marpol regulation about a) the ER bilge water discharge to O/B and about b) the cargo space discharge after tank cleaning .

B) Write the Carriage of heavy grade oil as per new MARPOL regulation 13H

C) Write *MARPOL regulation on oil fuel tank protection 12A- as per 2006 amendments*

113. A) What is CLC 1969? Explain its Protocol?

B) What is IOPC and explain?

C) Explain LLMC.

114.A) What is COLREG 1972 and explain?

B) Explain TSS.

115. a) Describe OPRC, b) OPRC- HNS

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### UNIT -4

116. A) Explain IMDG code with reference to solas and marpol, explain the 2012 amendments.

B) Explain the marpol Annex II category of substances, stripping and discharge condition.

117. A) Explain STCW, training requirement and the special requirement for Engineer officers.

B) What is VDR, S-VDR, Explain its function as per regulation.

- C) What is AIS, as per regulations which are all the ship needs to satisfy, mention any safety and security regulation to follow.
  - 118. A) What is ISM code, what is the purpose of ISM code and its objective?  
 B) What is the functional requirement of ISM?  
 C) Who is DPA, explain his function as per ISM.  
 D) Explain Master's responsibility and authority as per ISM.
  - 119. A) As per ISM explain maintenance of the ship and equipment.  
 B) As per ISM what is DOC explain.  
 C) As per ISM what is SMC explain.
  - 120. Explain- 1) SART, 2) EPIRP, 3) GMDSS
  - 121. Explain - VDR, AIS, and its function and requirement as per SOLAS?
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#### UNIT - 5

- 122. A) What is ILO, what is ITF, what is there relation with IMO?  
 B) What is the danger of fatigue, write the rest hours as per ILO, and the records as per STCW.  
 C) What is the minimum safe manning level, and the watch keeping schedule as per STCW?
- 123. A) What is ISPS, Write the objectives and functional requirements of ISPS.  
 B) As per ISPS what are all the security levels, explain them.  
 C) As per ISPS explain what is a) SSO, b) CSO, C) PFSO.
- 124. A) Explain Initial survey.  
 B) Mention the name of surveys and the validity period.  
 C) What will happen if the vessel certificate getting expired?
- 125. Describe the activities of Classification society with respect to shipping.
- 126. Write the Certificates and documents required to be carried on board ships and write briefly note a each of them.

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