2 MARKS

1. List out the chapters in SOLAS?
2. List out the annexes in MARPOL Convention?
3. List out the chapters in FSS code?
4. List out the containment systems?
5. List out the chapters in STCW convention?
6. List out the chapters in LSA code?
7. Draw the flow chart of committees and subcommittees of IMO?
8. List out the five important instruments of IMO?
9. List out the fire safety objectives?
10. Define Tonnage?
11. Define ship Registration?
12. Define National Registry and open registry?

4 MARKS

1. Define Flag state and Port state?
2. Explain the structure of IMO?
3. Define the following terms
   1. Harmful substances
   2. Discharge
   3. Incident
   4. Noxious Liquid Substances
4. Describe IMDG Code?
5. What are the task for surveyor?
6. Define draught surveying?
7. Define on/off Hire survey?
8. Explain Moss tanks?
9. Explain IHI – Prismatic IMO type BLNG (tanks)?
10. Explain TGZ mark?
11. Explain GT96?( GAZ Transport’s)
12. Explain combined system number one system?
13. Describe the following terms
    1. Document of Compliance
    2. Safety management Certificate
    3. Safety management system
    4. Observation
    5. Objective evidence
    6. Non-Conformity
    7. Major Non-Conformity
14. List out the Objectives of ISM Code?
15. What are the safety management objectives of the company?
16. What are the functional requirements of Safety management system?
17. Explain the purpose of ISPS code?
18. What are the responsibilities of Company and ships or port facility explaining in ISPS Code?
19. What are the responsibilities of Contracting Government?
20. Define the ship security plan in relation with ISPS Code?
21. Explain CSR?
22. Explain the different security levels in relation to the ISPS Code?
23. List out peculiarities of Immersion suits, anti-exposure suits and thermal protective aids?
24. List out the general requirements of Life boat?
25. List out the general requirements of Life rafts?
26. List out the general requirements of Rescue boats?
27. Describe the following terms
    1. Hand flares
    2. Rocket parachute flares
    3. Buoyant smoke signals
    4. Line throwing appliances
28. What is International Shore Connection?
29. Explain EEBD?
30. What is Low location lighting system?
31. Explain the importance of Inert Gas System?
32. What are the Minimum requirements for seafarers to work on a ship?
33. What are the Conditions of employment?
34. Define certificate of Maritime Compliance?
35. What is classification? Discuss classification process and its limitations?
36. List out the classification societies and its functions? Discuss the role of a surveyor?
37. WHO needs classification? And state owner’s duties with respect to classification of new building?
38. Discuss classification of new building?
39. Discuss classification in the operational phase?
40. Draw a flow chart connecting IACS, IMO and Administration. Describe it briefly?
41. Discuss the scope of classification and activities falling outside the scope of classification?
42. Explain Load Line Survey?
43. Explain ship safety survey?
44. Explain Statutory Survey?
45. Explain Cargo ship safety equipment survey?
46. What is the difference between GRT and NRT?
47. Write about the registration of ships.
48. Write about the labour conventions and its rules.
49. Explain STCW convention?
50. Write about LSA code.
51. Write about FSS code.
52. Give a brief idea of fire control plan?
53. What all functional requirements have to be meet in Fire safety design?

14 MARKS

1. Explain MARPOL 73/78?
2. Explain about Classification system?
3. Define tonnage, its types explain with formulas?
4. Explain the load line markings, what is the use of load line?
5. Explain briefly safety equipment’s and LSA appliances?
6. Write history of IMO and its structure & responsibilities.
7. Write about the prevention pollution from ships.
8. Explain a 500 GT ship manning requirement?
9. Write about the safety management and its code.
10. Write about the Labour conventions (ILO).
11. Explain about the ISPS code briefly?
12. List out the Fire safety objectives?
13. What are the functional requirements of Fire safety?
14. What are the functional requirements of fire safety? Differentiate “A” Class, “B” Class and “C” Class bulkheads?
15. Explain Standard Fire Test?
16. What are the Design requirements in order meet the Fire safety inside a ship?
17. Explain the ship life cycle with the help of a flow chart?
18. Define ship recycling?
19. Write a short note on ship recycling.
20. What are the key requirements of Hong Kong Convention regarding ship recycling?
21. Explain Re-liquefaction and boil-off?
22. Explain in detail loading of LNG cargoes?
23. Explain briefly on/off Hire survey?
24. Explain the types of containment systems?
25. Explain Load line survey, Ship safety survey, & statutory survey?