

QUESTION ONE (40 MARKS)

- a) Define First Aid. (6 Marks)
- b) Describe the ABCs of First Aid. (10 Marks)
- c) Explain the CPR process. (10 Marks)
- d) First Aid procedures;

Describe the procedure when you encounter a casualty with the following;

- i) Electric shock (2 Marks)
- ii) Choking (2 Marks)
- iii) Drowning (2 Marks)
- iv) Burns (2 Marks)
- v) Bone Fracture (2 Marks)
- vi) Ingestion of hazardous substances (2 Marks)
- vii) Extreme temperatures (2 Marks)

QUESTION TWO (20 MARKS)

- a) What is SOLAS in full? (1 Mark)
- b) What events led to the existence of SOLAS? (1 Mark)
- c) How many Chapters does the SOLAS convention? (8 Marks)
- d) Briefly explain each Chapter of the SOLAS convention. (10 Marks)

QUESTION THREE (20 MARKS)

- a) What is ISPS code in full? (1 Mark)
- b) What events led to its existence? (1 Mark)
- c) To which Ships does the ISPS code apply? (2 Marks)
- d) What are the **responsibilities of the company** under the ISPS code? (5 Marks)
- e) Who is a port facility security officer (PFSO)? (2 Marks)

f) What are the ISPS code security levels? (3 Marks)

g) What are the measures that are taken under **each** security level in ISPS code? (6 Marks)

QUESTION FOUR (20 MARKS)

a) What are the various life-saving equipment that are found on-board ships? (5 Marks)

b) For each equipment above; (15 Marks)

- Explain in detail their locations on-board,
- Situation that they are to be used,
- Officer responsible for their inspection or maintenance,
- Describe their level 1 inspection checks,
- Describe their on-board maintenance procedures.

QUESTION FIVE (20 MARKS)

a) What are the various emergency signalling devices that are found on-board ships? (4 Marks)

b) What are the uses of the devices above? (6 Marks)

c) Describe how these emergency signalling devices are inspected? (4 Marks)

d) Describe the maintenance procedures of these emergency signalling devices. (6 Marks)