

**Q.P. Code : 00818**

**[Time: 2.5 Hours]**

**[ Marks:75]**

Please check whether you have got the right question paper.

- N.B:
1. Attempt all questions.
  2. All Questions Carry Equal Marks.
  3. Use Non-Programmable Scientific Calculator Is Permitted

Q.1) a) While you were anchored safely in the inner harbour, other vessel dragged her anchor and came in contact with your vessel and damaged your stbd side life boat. Describe your follow-up action and procedures? (15)

**OR**

a) Describe any three types of emergencies, under what circumstances will you abandon a ship? (15)

Q.2) a) Describe the use of IAMSAR for assisting the ship or Aircraft in distress? (15)

**OR**

b) Sketch & describe what action you will take in case of MOB. (15)

Q.3) a) a) Explain ship shore check list while discharging crude oil alongside Oil Terminal. (15)  
b) Describe SOPEP

**OR**

b) Describe towing procedures and towing requirements on tankers. (15)

Q.4) a) Describe major repairs/ jobs done in dry dock on a tanker? (15)

**OR**

b) Describe surface preparation and types of paints used on hull in dry dock? (15)

Q.5) a) Define: a) Spontaneous combustion (15)  
b) Ignition Point  
c) Explain any three types of fire extinguishers and where used?

**OR**

b) Describe list of at least 15 items which are required for life-saving appliances for manual safety equipment survey. (15)