



ICM

SEPTEMBER 2015

MARITIME SECURITY & SAFETY MANAGEMENT

Instructions to candidates:

- a) Time allowed: Three hours (plus an extra ten minutes' reading time at the start – do not write anything during this time)
- b) Answer FIVE questions. Choose THREE questions from Part 1 (Maritime Security) and TWO questions from Part 2 (Safety Management)
- c) All questions carry equal marks. Marks for each question are shown in []

Part 1: Maritime Security (answer THREE questions)

- 1. Briefly describe TEN types of cargo handling equipment commonly found at a container terminal. [20]
- 2. Section 11 of the ISPS Code discusses the role and some of the duties of the Company Security Officer. List TEN duties of the CSO. [20]
- 3.
 - a) Explain the term **terrorism**. [5]
 - b) Identify the types of violence which constitute a terrorist incident. [10]
 - c) What types of weapons are potentially available to terrorists? [5]
- 4.
 - a) Explain the role of the Port Security Director. [10]
 - b) A successful manager must master the implementation and execution of some functions such as 'Directing'. List FIVE such (generic) functions that a Port Security Director should master. [10]
- 5. Threat mitigation strategies. List:
 - a) TEN steps ships travelling in areas frequented by pirates can take to increase safety. [10]
 - b) TEN steps ships berthed in a port frequented by pirates should take to increase safety. [10]

Part 2: Safety Management (answer TWO questions)

- 6. According to the ISM Code, Regulation 4, identify:
 - a) who issues a Document of Compliance
 - b) who it is issued to
 - c) where a copy of the DOC is to be found
 - d) who issues a Safety Management Certificate
 - e) who the SMC is issued to [4 each]
- 7.
 - a) What is a Designated person and what are their primary responsibilities? [5]
 - b) In the context of 'maintenance of the ship and equipment', explain what the ISM Code requires of the company. [15]
- 8.
 - a) In the context of the ISM Code, define a '**near miss**'. [10]
 - b) Explain the guidance that the ISM Code gives on 'near-miss' reporting. [10]