



ICM

JUNE 2016

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. List any TEN requirements of a Port Facility Security Plan. [20]
2. Explain the functions of the following personnel under the ISPS Code:
 - a) Ship Security Officer [6]
 - b) Company Security Officer [6]
 - c) Port Facility Security Officer [8]
3. Define the objectives of the ISPS Code. [20]
4.
 - 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]
5. Briefly describe TEN types of cargo handling equipment commonly found at a container terminal. [20]

Part 2: Safety Management (answer TWO questions)

6. The International Safety Management (ISM) Code requires the implementation of a Safety Management System (SMS). Section 11 of the ISM Code sets out the requirements for establishing and maintaining procedures for all documents and data that are relevant to the SMS.
 - a) Define the **Safety Management System** (SMS). [5]
 - b) List THREE procedures that the company must ensure in respect of SMS documentation. [15]
7.
 - a) What are the objectives of the ISM code? [8]
 - b) List the FIVE functional requirements of a company safety system. [12]
8. Section 4 of the guidelines for implementation of the ISM Code by companies refers to the designated person.
 - a) What do you understand by the term **designated person**? [10]
 - b) State any FIVE activities on a ship that should be monitored by the designated person. [2 each]