



ICM

JUNE 2016

PORT OPERATIONS & 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 any FIVE questions
 - c) All questions carry equal marks. Marks for each question are shown in []
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1. Tanker operations are common in most modern ports. Explain the different operations of a tanker terminal and loading of the ship. [20]
 2. As a terminal manager, discuss how you would plan the acceptance of a large vessel for operations. [20]
 3. As a terminal operator, you have received a complaint from important clients about delays to their liner service at the port call. Explain how you would investigate this and any measures you might take to speed up the port call. [20]
 4. Explain the following:
 - a) SWL
 - b) Windage
 - c) Under keel clearance
 - d) ISPS
 - e) Tides[4 each]
 5. Discuss why there is much competition between countries and their hub ports. [20]
 6. The challenges of port security have been at the front of media attention. Explain how you would maintain the security of a port and the laws or codes you must comply with in this modern era of challenges. [20]
 7. Some major shipping lines are investing in private terminals in some ports. Give reasons for this. [20]
 8. You are at a job interview for a senior management position and you have been asked to explain what the objectives of the port are and what possible external constraints there are from authorities. [20]