



# ICM

DECEMBER 2016

MARITIME OPERATIONS

**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. Four alternative methods of surveying a vessel are: voyage survey; BIS notation; continuous survey and planned maintenance system. Describe all FOUR. [20]
  2. Discuss THREE types of specialised vessels and summarise the cargoes they can carry. [20]
  3. Explain the customs procedures for commercial imports into the UK/EU. [20]
  4. The classification process consists of four stages. Name and explain all FOUR. [20]
  5. Discuss the influence canals have had on ship design. [20]
  6. Briefly describe TEN factors in the formulation of freight rates. [2 each]
  7. Explain the following types of charter:
    - a) Gross terms form of charter
    - b) FIO charter
    - c) Lump sum charter [20]
  8. Explain the difference between a negotiable and non-negotiable bill of lading, a transhipment bill of lading and a clean bill of lading. [5 each]