



# ICM

JUNE 2016

THE BUSINESS OF SHIPPING

**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. Shipping companies can use different types of funding to finance their business. Describe the following methods of funding:
    - a) Equity
    - b) Debt
    - c) Bank finance[20]
  2. What are the FOUR broad categories causing changes to ship types? [20]
  3. Give a brief description of the main features of the following navigational aids:
    - a) Charts
    - b) The log
    - c) Astro navigation
    - d) Radio direction finder
    - e) Decca navigator[4 each]
  4. Liner freight rates are complex. The Bundesministerium für Verkehr of Hamburg identifies four factors affecting rates. List and explain the FOUR factors. [5 each]
  5. What forms of unilateral action can be taken by nations to protect their shipping? List and explain FOUR. [5 each]
  6. List, describe and explain FOUR different **time charters**. [5 each]
  7. List and explain the typical crew duties of the following:
    - a) The master/captain
    - b) Chief officer/mate
    - c) The second officer
    - d) The third officer[5 each]
  8. Explain the following, using diagrams and tables to illustrate your answer:
    - a) Dunnage
    - b) Broken stowage
    - c) Stowage plan
    - d) Stowage factor[5 each]