



ICM

DECEMBER 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. Describe the legal definition of:
 - a) a port
 - b) a safe port
 - c) a berth
 - d) a safe berth[5 each]
 2. Using a diagram, show the factors/phases constraining port development. [20]
 3. A SWOT analysis (Strengths, Weaknesses, Opportunities, Threats) is considered a useful tool to assess the competitiveness of a port facility. Evaluate NINE elements to be considered when making this assessment. [20]
 4. Describe the difference between state ownership, municipal ownership and private ownership of ports. [20]
 5. Describe the difference between state control, state concern and state involvement in port ownership. [20]
 6. Using a table, show the development of cargo handling equipment for the period 1888-1951. [20]
 7. A paper produced in 1969 titled 'The Economic Impact of Ports on the Regions they serve and the Role of Industrial Development' identified three such impacts. Name and describe the THREE impacts. [20]
 8. A Maritime Policy and Management paper (1994) by Dowd and Fleming suggested three steps for a pricing policy. Name the THREE steps with an explanation for EACH. [20]