



MAY 2025 EXAMINATION SESSION
TUESDAY 20TH MAY 2025 – MORNING

LOGISTICS AND MULTI-MODAL TRANSPORT

Time allowed – three hours

Answer any FIVE questions – all questions carry equal marks

Please read the questions carefully before answering

1. Answer **BOTH** parts of the question.
 - a) Identify the modal interfaces through which goods are conveyed and discuss their importance.
 - b) Describe the key functions of a modal interface of your choice.
2. Identify and describe the handling equipment that container terminals must have to perform their operations.
3. Answer **BOTH** parts of the question.
 - a) Major shipping and logistics corridors in global trade are often classified based on their directional flows. Identify and discuss the primary classifications of multimodal trade routes that connect manufacturing hubs to consumer markets and facilitate the movement of goods across continents.
 - b) Select a multimodal trade route of your choice, identify the characteristics of the trade selected and give reasons for the size of ship deployed and the ports that would be served.
4. Discuss the advantages and disadvantages of insourcing and outsourcing when developing multimodal transport services.
5. In container shipping, companies must decide between owning or leasing containers for their operations. Describe in detail the key advantages and disadvantages of each regarding cost, flexibility, operational control and financial risk.

PLEASE TURN OVER

6. Answer **ALL** parts of the question.

In international trade, letters of credit play a crucial role in mitigating risks for buyers and sellers.

- a) Explain the purpose of letters of credit.
- b) Comment on the different types of letters of credit.
- c) Identify and explain the key components of letters of credit.
- d) Explain how letters of credit ensure payment security in cross-border transactions.

7. Answer **BOTH** parts of the question.

The IMDG Code governs the movement of dangerous goods by sea.

- a) Explain the objective of the IMDG Code.
- b) Identify the different IMDG classes.

8. Describe how Total Quality Management (TQM) principles can be applied in multimodal transport management to improve service quality, optimise supply chain performance, and address key challenges such as delays, cargo safety, and interoperability between transport modes?