



INSTITUTE OF  
CHARTERED  
SHIPBROKERS

**MAY 2023 EXAMINATION SESSION**  
**MONDAY 15<sup>th</sup> MAY 2023 – 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. Explain in detail **FOUR** of the following terms and their significance in multimodal transport:

- a) VGM
- b) 3PL
- c) ICD
- d) THC
- e) WTO
- f) Waybill

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

At present, many lines have implemented slow steaming programmes for a number of different business reasons.

- a) Explain what a slow steaming programme involves
- b) What are the reasons for a line to operate such a programme?
- c) How are customers affected by slow steaming?

Include examples from a trade of your choice to support your answer.

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

An importer in Europe buys consumer goods from China.

- a) What choices of mode and route are available to the importer and what factors are important when making the choice?
- b) If this importer decides to send its goods by sea, what factors would influence the choice of shipping line to carry the goods?

**PLEASE TURN OVER**

4. Answer **BOTH** parts of the question.
- a) As a salesperson for a multi-modal transport service, with sea as the main leg, what are the important service factors you would use to justify to your customers paying a higher freight rate than that of your competitors?
  - b) Using examples to support your answer, explain why each service factor can provide a financial advantage for the customer.

5. Answer **BOTH** parts of the question.
- a) Discuss the advantages and disadvantages of buying or leasing containers for a multi-modal transport operator.
  - b) The cost of repositioning empty containers has an impact on the profitability of a multi-modal container operator. Discuss how an operator can reduce or avoid these costs.

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

Congestion can be a major problem to both the providers and the users of multi-modal transport services.

- a) At what stages of a through transport movement is congestion commonly found, and what causes the congestion? Use examples to support your answer.
- b) Explain the consequences of congestion both for the providers and the users of a service, and the steps they can take to limit the impact on their business.

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

- a) Explain how e-commerce products have changed the way in which business is carried out between providers and users of logistics services.
- b) Give **TWO** examples of these products, explaining how the provider and the user have each benefited from them.
- c) Suggest a product which a logistics provider might develop, and the benefits which would follow.

8. Discuss the advantages and disadvantages for a business which is importing and selling finished goods in holding an inventory of these goods, and what factors should determine the level of inventory held. Use a specific business/supply chain to support your answer.