



INSTITUTE OF
CHARTERED
SHIPBROKERS

MAY 2021 EXAMINATION SESSION
MONDAY 24TH MAY 2021 - 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

In the last ten years, the major container lines have taken delivery of a number of ships with capacities of between 18,000 teu and 24,000 teu

- a) Explain the reasons why container lines have been buying ships of this size, and the problems they may have encountered in employing them
- b) Is it likely that ships larger than 24,000 teu will be ordered in the next five years? Give reasons to support your answer.

2. Explain in detail any **FOUR** of the following terms and their significance in multimodal transport.

- a) Landbridge
- b) Himalaya Clause
- c) Hague-Visby Rules
- d) Port-centric Logistics
- e) ISPS
- f) IMO 2020

3. Use the world map provided to show the trade routes used in your answer.

Shipping routes can be divided into east-west, north-south and short sea trade routes. Explain the differences between the three types of trade routes, including references to the sizes of the trades, types of services operated, vessel sizes, lines offering services and commodities carried. Explanations should be supported with specific examples of trade routes.

PLEASE TURN OVER

4. Describe the individual components of the operation in a container terminal when moving containers between a ship and the landside, and the infrastructure/equipment needed to carry out that operation.

Explain where delays are likely to occur in the movement between the ship and inland transport, and suggest solutions to avoid the delays.

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

Fuel represents one of the most significant costs for operators of multi-modal transport services.

- a) What steps might an operator of multimodal transport services, which include transport both by sea and on land, take to reduce fuel costs?
- b) How might these steps impact the operator's customers?

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

- a) Explain how ecommerce 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.

7. INCOTERMS can be divided into E, F, C and D terms. Explain the principle differences between the four groups, using an example from each to support your answer. You may use either INCOTERMS 2010 OR INCOTERMS 2020.

For each chosen example, explain how cost, responsibility and risk are divided between the seller and the buyer.

8. You are the pricing manager for a global NVOCC.

Explain how you would decide what price to quote for a regular door-to-door shipment of FCL containers of machinery, with sea as the main leg, indicating where you might offer alternatives to the customer. Support your answer with reference to a specific cargo on a trade route of your choice