



INSTITUTE OF  
CHARTERED  
SHIPBROKERS

**MAY 2022 EXAMINATION SESSION**  
**MONDAY 16<sup>th</sup> MAY 2022 – AFTERNOON**

## **LINER TRADES**

Time allowed – three hours

Answer any **FIVE** questions – all questions carry equal marks

Please read the questions carefully before answering

1. Describe the main characteristics of **FOUR** of the following container types, identifying at least **TWO** main commodities for which each type may be used and the characteristics of those cargoes.
  - i. Tank Container
  - ii. Refrigerated Container
  - iii. 40ft High Cube Container
  - iv. 20ft ventilated container
  - v. Flat Rack Container
  - vi. Open Top Container
  - vii. Standard 20ft General Purpose Container
  
2. Answer **ALL** parts of the question.
  - a) Describe the characteristics including dimensions, tonnages, cargo gear of **ONE** of the following types of vessels.
    - i. 4200 TEU old style Panamax Containership
    - ii. Specialised reefer ship
    - iii. 9000 TEU Containership
  
  - b) Draw a profile and cross section of the vessel.
  
  - c) Label the significant parts of the vessel.
  
  - d) Give details of **ONE** trade the vessel operates in, where it will load, carry and discharge its cargo.

Use the world map provided to support your answer.

**PLEASE TURN OVER**

3. Use a trade of your choice to explain the container imbalance between the dominant leg / non-dominant leg and the challenges this presents. Describe how carriers can minimise the effects of the imbalance.
4. E-Commerce and Shipping Lines Websites have become a very important platform for carriers and their customers in recent years. Describe from both carrier and cargo owner's perspective why E-Commerce is so important in today's commercial world and explain its widening use in the various areas it is used outlining benefits and drawbacks.
5. The recent rising cost of bunker fuel presents increasing challenges to carriers with new concerns in terms of voyage costs. Explain the background to the rise in fuel costs and using **TWO** separate trades and using the world map provided to support your answer, illustrate the full detail of these trades and where you would bunker your vessels also describing the benefits of these locations.
6. There is a shortage of container vessels which has increased the cost of chartering. Using examples to support your answer describe the reasons for this and discuss with examples of what carriers are doing to reduce this problem.
7. Choose any **TWO** of the following cargoes. Identify two major trades for each cargo chosen on which they are shipped: detailing the main ports of loading and discharge. Explain the types of container equipment used and any special requirements or precautions that need to be taken to protect the cargo.
  - i. Soya Beans
  - ii. Coffee
  - iii. Wine
  - iv. Clothing
  - v. Apples
8. Using the world map provided to support your answer choose **TWO** of the container trade routes listed below and identify the most important ports of call and main commodities carried in both directions.  
Discuss how services are structured and whether they are 'end to end', 'hub and spoke' or 'pendulums' style services and the vessel capacities used.
  - a) Europe to South Africa
  - b) Europe to US East Coast
  - c) Asia to West Africa
  - d) Asia to US East Coast