1. For shipowners in the dry cargo market, the Handymax Bulk Carrier is a flexible ship to have in their fleet. Answer all of the following:

   (a) Draw a fully labelled profile and cross-section diagram of a typical Handymax Bulk Carrier including bulk space. Include written dimensions.
   (b) Describe the most common bulk cargoes that can be carried by a Handymax.
   (c) Selecting three of your chosen cargoes, show their trading routes, loading and discharge ports on the world map provided.

2. For the legal transfer of title of a second-hand ship to take place, correct documentation has to be presented by both seller and buyer. Describe each document that will be produced by both parties to complete the sale. (Select your own ship type for this transaction).

3. The Inspections Clause in the Norwegian Saleform 1993 Memorandum of Agreement provides the buyer with two alternatives for inspecting a ship before agreeing to the purchase. Give a full explanation of the content of this clause covering in depth the two options.

4. Explain the importance to shipowners of all of the following terms:

   (a) Buyer Beware
   (b) Mortgagees’ Interest Insurance Policy
   (c) Valuation Certificate
   (d) Port State Control

5. With continuing low freight rates and an oversupply of ships, shipowners are placing a growing number of ships for sale on the demolition market. Prepare a draft offer for the sale of a ship for demolition to be sent from a scrap buyer to a shipowner setting out the full terms and conditions for the purchase of the ship for scrap. (Use imaginary companies and ship type of your choice).
6. Using the Norwegian Saleform 1993 explain:

(a) The content of the clause ‘Buyers’ representatives’.
(b) How can sellers further protect their interest under this clause? Draft a suitable amendment to reflect this increased protection.
(c) What might buyers try to negotiate in order to gain more favourable terms in respect of their representatives?

7. With continuing new orders for LNG Carriers and the development of the global gas market, address all of the following:

(a) What factors have led to this increase in world demand for natural gas?
(b) Which countries are producers of LNG?
(c) How is natural gas prepared for transportation and describe the main characteristics of LNG Carriers.

8. **Eco-ships** is a term of reference increasingly being used to describe ships that have systems or engines that are fuel-efficient or have environmental improvements. Discuss the impact of Eco-ships on the demand for new buildings, and for ships presently trading.