



TUESDAY 15TH NOVEMBER 2016 – MORNING

INTRODUCTION TO SHIPPING

Time allowed – three hours

Answer any FIVE questions – all questions carry equal marks

Please read the questions carefully before answering

1. Explain why the liner shipping industry has developed a hub port system. Using the world map provided name and identify three major hub ports, explain why they are successful and what factors could impact on their continued success?

2. Answer **ALL** parts of the question.
 - a) Using iron ore, explain absolute and comparative advantage.
 - b) Draw a clearly labelled profile and cross section of an iron ore carrier, including the main dimensions.
 - c) Describe the typical trade routes of this vessel, using the world map provided to support your answer.

3. You are the owner's appointed agent for a port call to load a bulk cargo. You will also be required to hand over cash to master, assist with crew changes and arrange supplies. Draft three emails – one to the owner on being appointed, a second to the master prior arrival and the third to the owner on the departure of the ship.

4. Ship, port and crew safety is of vital importance. Give an explanation of **ALL** of the following and what their function is:
 - a) Classification
 - b) ISM
 - c) ISPS
 - d) Port State Control

PLEASE TURN OVER

5. Answer **BOTH** parts of the question.
- a) Explain the differences between a voyage charter and a time charter, and the elements of each one.
 - b) Describe the various responsibilities of the owner and the charterer under both types of charter.
6. Answer **BOTH** parts of the question.
- a) Explain the origins of the development of the Hague, Hague-Visby, Hamburg and Rotterdam Rules.
 - b) What are the key differences between the Hague-Visby and the Hamburg Rules?
7. Answer **BOTH** parts of the question.
The draft and the freeboard of a ship are of vital importance.
- a) Explain what each of these are and why they are important.
 - b) Draw the Plimsoll line and give an explanation of each of the abbreviations.
8. Why is cash flow so important to a company and how would you go about ensuring you keep the company's cash flow positive?