



# EXAMINER'S REPORT NOVEMBER 2019

## PORT AND TERMINAL MANAGEMENT

### **Overall Comments**

Students should ensure that they are familiar with day to day health and safety practices and that their map work is of high quality. Students should understand the concept of cash flow.

### **Q1. Describe the port equipment and facilities that you would find at a dedicated timber terminal.**

The question on the equipment required to operate a timber terminal was well handled from the aspect of the ex ship discharge operation. Students should have a good knowledge on the equipment required to move the cargo to and from port warehouses, giving correct examples.

Students should have a good knowledge on the overall supply chain.

### **Q2. What is a Freeport, and what are their benefits?**

Students should understand the concept of Freeports and be able to discuss their benefits and disadvantages. Students could offer excellent examples of where both ports and localised industry located in the Freeport worked to develop mutual commercial benefits.

### **Q3. Using a port of your choice, describe the management structure in the port. Use a diagram to support your answer.**

Students should have an understanding and be able to describe the management structure in the port. Students should not overlook the concept of a marine department within a port authority.

### **Q4. Discuss the advantages and disadvantages of private versus public port ownership.**

Students were very comfortable with the concept of defining the advantages and disadvantages of a public versus a private port. Most could offer good working examples to enhance their theory.

### **Q5. Discuss the health and safety practices you would expect to find in a container terminal.**

Students managed to offer some good comments on the statute law which applies in the ports, and the majority were able to offer HASAWA and the 1988 Dock regulations act as statute legislation.

Students must be able to offer suggestions as to what day to day health and safety practices may be found in the container terminal.

**Q6. Explain ALL of the following abbreviations**

- a) TEU
- b) UNCTAD
- c) ISPS
- d) VTS

Students should be able to explain the abbreviations and offer good working examples to enhance their definition of the four abbreviations.

**Q7. Using the world map provided show the major trade routes for ONE of the following commodities. Draw an appropriate vessel type, including tonnages and dimensions which would be employed in carrying this commodity.**

- i. Crude oil
- ii. Grain

Students must be able to display a good knowledge of load and discharge ports, and not overlook the requirements to offer a range of tonnages.

Students must be able to provide high quality of map work.

**Q8. Describe the techniques which a port authority could use to improve its cash flow.**

Students must be able to understand the concept and importance of cash flow.

Many linked cash flow to marketing and profitability instead of focusing on prompt receipt of vessels calls and also strict management of supplier payments to create a beneficial position.