



EXAMINER'S REPORT

NOVEMBER 2021

PORT AND TERMINAL MANAGEMENT

Question 1

You have been appointed as operations manager for a new port development which is offering exclusive port services for green energy developments. Discuss the types of cargoes that you would envisage handling, and the type of cargo handling equipment that you would require.

Students struggled with the concept of green energy cargo handling. It was important for the students to discuss the cargoes and the handling techniques related to on and offshore windfarms. Also tidal energy, solar energy, carbon capture could have been discussed, as well as new bunkering sources such as hydrogen and ammonia.

Question 2

As a health and safety manager at an offshore export oil terminal, discuss the various health and safety standards which would apply to your role.

Students handled this question well, and were able to give an overview on statute law and day to day examples of health and safety practices.

Students could have gained additional marks by discussing the health and safety requirements of an offshore working location. This could have discussed the need for lifejackets for staff, appropriate controls for ensuring proper maintenance is in place for all craft involved in moving staff or mooring/unmooring tankers.

Question 3

You are the port manager in a port of your choice. With the use of examples describe the four stages of the planning process.

The question on planning process was very well handled by students. A number of students scored high marks in this question and were able to produce good quality answers, highlighting the four sectors of the planning process.

Question 4

As a port manager you believe that there are commercial reasons to invest in a new warehouse for your port. Create a formal proposal for your executive board with both an investment and economic appraisal of the project.

The question on investment and economic appraisals was generally well handled, although in some cases the student offered information on investment appraisals, but then overlooked the requirement to produce an economic appraisal.

Students who scored heavily offered investment appraisal techniques such as net present value, or the payback method, aligned to an economical appraisal.

Question 5

You are the marketing manager for a port authority. You have been approached by a potential new client looking to import iron ore into your port facility. Create a formal response to the client offering core and added value services.

Students managed to offer some good comments on the cargo handling requirements of iron ore, but could have improved the amount of details provided the background history of the port, and sold their overall services more effectively.

Question 6

You are the port manager in a port of your choice. Your financial manager has advised that a vessel which sailed from your port two months ago has still not paid your port costs of USD 100,000. Discuss your actions.

The question required the student to discuss the process of recovering debt, and most students were able to properly discuss the interaction required with organisations such as port agents, shipowners, charterers and P and I clubs to ensure that port costs were recovered.

Question 7

Your company Director has asked you for a report on what actions you can take to ensure emissions can be reduced in the port environment. Discuss your response.

The question on emissions was generally well handled as it is an issue which is in the public domain at the moment. Good examples were given such as electric vehicles, solar energy, wind energy were widely given.

Question 8

Using the world map provided, discuss the forest product industry and show the main ports of export and the different type of cargoes handled.

There were a number of differing answers on forest products, students either answered well displaying major loading areas such as Canada, Scandinavian, Russia, Brazil, West Africa, Indonesia and New Zealand, and offering handy sized tonnage as the predominant method of carriage.