



PENINSULA
C O L L E G E
GEORGETOWN



UNIVERSITY OF
PLYMOUTH

FINAL EXAMINATION

Faculty	:	ACADEMIC PARTNERSHIPS
School	:	ACADEMIC PARTNERSHIPS
Programme	:	BSC. (HONS) MARITIME BUSINESS & LOGISTICS 3+0 IN COLLABORATION WITH UNIVERSITY OF PLYMOUTH
Academic year	:	2021/22
Stage	:	6
Course	:	PORTS AND INTERMODALISM
Course Code	:	MAL3015
Time Allowed	:	3 hours

INSTRUCTIONS TO CANDIDATES:

1. Please read the instructions given in the question paper **CAREFULLY**.
2. Answer **ALL** questions.
3. Answers to the questions are to be saved in **pdf** format. **ONE (1)** file is to be submitted.
4. Please write your student ID number on the first page of your answer script. **DO NOT** write your name.

WARNING:

The Examination Board of Peninsula College Georgetown regards cheating as a very serious offence and will not hesitate to mete out the appropriate punitive actions according to the severity of the offence committed, and in the accordance with the clauses stipulated in the Students' Handbook, up to and including expulsion from Peninsula College Georgetown.

(This booklet contains 3 printed pages including this page)

DO NOT OPEN THIS BOOKLET UNTIL YOU ARE ALLOWED TO DO SO

Answer **ALL** out of the two questions from this section.

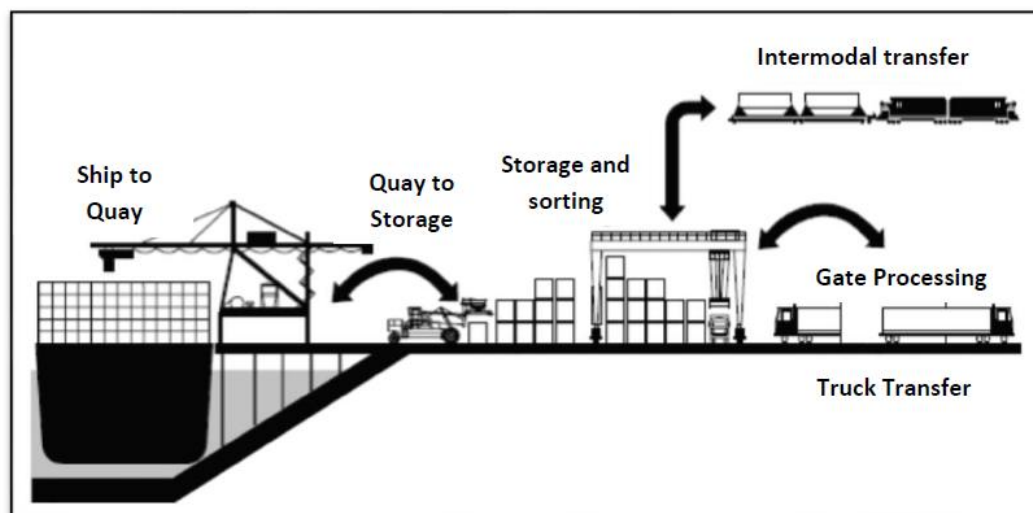
1. a) Port around the country is to be the first choice for shippers' supply chains by providing a wealth of intermodal connections, capacity, and distribution facilities. As a shipper, explain factors to be considered in selecting the right port for the transportation needs. (16 marks)

- b) Discuss main port stakeholders in groups.

(9 marks)

[Total : 25 marks]

2. a) A container terminal handles many types of containers such as dry container, flat rack, platform, tank container and reefer container. Based on the diagram below, discuss the processes during container handling to evaluate the productivity of the container handling process.



(15 marks)

- b) A few factors may lead to congestion at ports, which can be costly.

i. Analyse causes of port delay.

ii. Apply your knowledge to overcome the above-mentioned causes.

(10 marks)

[Total : 25 marks]

3. a) Discuss the environmental impacts of port operations.

(10 marks)

- b) Explain main sources of air emission in port area.

(5 marks)

- c) Describe duties of the port authority in terms of marine safety and environmental protection.

(10 marks)

[Total : 25 marks]

- 4 a) Discuss the impact of Covid-19 pandemic on shipping and port sector in Malaysia.

(15 marks)

- b) Describe the process of port cluster formations.

(10 marks)

[Total : 25 marks]

- END OF QUESTIONS -