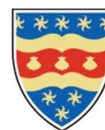




PENINSULA
COLLEGE
GEORGETOWN



**UNIVERSITY OF
PLYMOUTH**

FINAL EXAMINATION

Programme Name	:	BSC (HONOURS) MARITIME BUSINESS & LOGISTICS IN COLLABORATION WITH UNIVERSITY OF PLYMOUTH
Course Code & Name	:	MAL3013 INTERNATIONAL LOGISTICS MANAGEMENT
Duration	:	3 HOURS

INSTRUCTIONS TO CANDIDATES:

1. Please read the instructions given in the question paper **CAREFULLY**.
2. The question paper consists of **FOUR (4)** questions.
3. Answer **ALL** questions in the question paper.
4. Answers to the questions are to be written into the examination booklet.
5. Electronic dictionaries, lecture notes, files or any unauthorised materials except writing equipment are strictly prohibited.

This question paper must be submitted along with all used and/or unused rough papers and/ or graph papers (if any). Candidates are **NOT ALLOWED** to take any examination paper(s) used or unused out of the examination hall.

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 2 printed pages including this page)

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

Answer **ALL** questions on the separate sheet provided.

[100 marks]

1. a) Inventory is a major asset for any manufacturing or trading business and thus effective inventory management is important.
Discuss **FIVE (5)** types of inventory. (15 marks)

- b) The Tela Company has been purchasing an item in lots of 900 units. This equates to a three-month supply. The cost per unit is \$12, the order cost is \$16 per order, and the carrying cost is 25%.
Find the cost that Tela Company could save per year if it purchased the items in the most economical quantities. (10 marks)
Total: [25 marks]

2. a) Explain **THREE (3)** recovery options used in reverse logistics with appropriate examples. (15 marks)

- b) Discuss **TWO (2)** main drivers of implementing reverse logistics practices. (10 marks)
Total: [25 marks]

3. a) Discuss **FIVE (5)** strategic impacts of additive manufacturing as an emerging technology on supply chains and logistics systems. (15 marks)

- b) Discuss **TWO (2)** implications of additive manufacturing for logistics and supply chain with appropriate examples. (10 marks)
Total: [25 marks]

4. a) Many advantages are claimed for third-party distribution. Demonstrate **FIVE (5)** drivers of outsourcing logistics functions. (15 marks)

- b) Analyse **TWO (2)** criteria in selecting third-party logistics service providers. (10 marks)
Total: [25 marks]

- END OF QUESTIONS -