



## TAKE HOME EXAMINATION

Student NRIC : \_\_\_\_\_

Student ID : \_\_\_\_\_

Programme	:	<b>DIPLOMA IN LOGISTICS MANAGEMENT (MQA/FA9212)</b>
Intake	:	<b>SEPTEMBER 2019 AND MAY 2020</b>
Course	:	<b>INVENTORY AND WAREHOUSE MANAGEMENT</b>
Course Code	:	<b>DLM 1083</b>
Duration	:	<b>(3 hours)</b>

### INSTRUCTIONS TO CANDIDATES:

1. Please read the instructions given in the question paper **CAREFULLY**
2. Answer **ALL FOUR (4)** questions.
3. Answers to the questions are to be written into own **A4** sized paper.
4. Please write your NRIC number or student ID number on every page of your answer script. Do **NOT** write your name.
5. Please write page number on every page of your answer script.
6. Please **KEEP** the hardcopy of your answer script.
7. **1 mark** will be deducted for every minute delay in submission after the 20 minutes lapse with maximum of **10 minutes** delay is allowed.
8. After 12.30 pm, any submission will **NOT** be accepted, 0 marks will be awarded.

### WARNING:

The Examination Board of Peninsula College Georgetown regards cheating as a most 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 FOUR (4)** questions on the separate sheet.

**[100 marks]**

1. a) Discuss **FIVE (5)** considerations when a company selecting, planning, and designing a materials handling system for the warehouse.  
(15 marks)
- b) Describe **FOUR (4)** methods that are applied by warehouse manager in warehouse for materials handling efficiency.  
(10 marks)
2. a) The beginning inventory for BTS Butter album was 3300 pack album at Safa Music Store. Throughout the six-month period, they receive another 9000 pack album. At the end of the six-month period, count inventory again and have 730 pack album left at their store. Cost of good sold for 1 pack BTS Butter album is RM 43. Calculate inventory turnover ratio for the album.  
(10 marks)
- b) Azmi Perabot Sdn. Bhd. buys office chair from their suppliers at RM 49 per unit. Annually they needs 2500 units office chair. Cost for placing an order is RM 300. Cost for insurance, storing per unit per year is 10%. Calculate the office chair Economic Order Quantity (EOQ).  
(9 marks)
- c) Differentiate A, B, and C products criteria based on ABC Analysis in inventory control.  
(6 marks)
3. a) Discuss **THREE (3)** importance to segregate high risk materials in a warehouse.  
(6 marks)
- b) Explain **SIX (6)** factors that can contribute to inventory deterioration in warehouse.  
(9 marks)
- c) Discuss **FIVE (5)** steps as warehouse manager should take in preventing costly deterioration.  
(10 marks)
4. a) Explain **FIVE (5)** reasons a logistics company engages in benchmarking.  
(10 marks)

- b) Discuss **TWO (2)** factors that contribute to existing the deadstock in warehouse.  
(5 marks)
- c) Explain **FOUR (4)** main advantages of Vendor Managed Inventory (VMI) in the logistics industry.  
(10 marks)

**- END OF QUESTIONS -**