



TECHNICAL UNIVERSITY OF MOMBASA
Faculty of Business & Social Studies

DEPARTMENT OF BUSINESS STUDIES

DIPLOMA IN LOGISTICS AND TRANSPORT MANAGEMENT
(YI, SI)

BLT 2103: MANAGEMENT IN LOGISTICS AND TRANSPORT I

END OF SEMESTER EXAMINATIONS

SERIES: APRIL 2015

TIME: 2 HOURS

INSTRUCTIONS:

- This paper consists of **FIVE** questions.
- Answer question **ONE (Compulsory)** and any other **TWO** questions.
- Do not write on the question paper

This paper consists of Three printed pages.

QUESTION 1 (Compulsory)

- a) Define logistics. (2 marks)
- b) Explain the following operational objectives of logistics:
- i) Rapid response
 - ii) Minimum variance
 - iii) Minimum inventory
 - iv) Movement consolidation
 - v) Quality improvement
 - vi) Life-cycle support. (12 marks)
- c) Explain the different transport characteristics and their marketing implications. (12 marks)
- d) i) State **TWO** roles of transportation in logistics.
ii) What are the considerations while choosing a mode of transport to use. (4 marks)

QUESTION 2

- a) i) Define Reverse logistics.
ii) State **EIGHT** reasons that may necessitate reverse logistics. (9 marks)
- b) Identify and explain the sub-systems upon which the success of reverse logistics depends. (8 marks)
- c) Differentiate between inbound logistics and outbound logistics. (3 marks)

QUESTION 3

- a) Outline **FIVE** functions of each of the following logistics activities:
- i) Warehousing
 - ii) Packaging
 - iii) Customer service (15 marks)
- b) Different goods can be transported or stored under different temperature conditions. Identify **FIVE** different temperature range conditions that any good may be transported under. (5 marks)

QUESTION 4

- a) Distinguish between logistics and supply chain. (2 marks)
- b) Explain how logistics contribute to competitive advantage in the market. (18 marks)

QUESTION 5

- a) Differentiate between axle load and gross vehicle load in road freight transport. **(2 marks)**
- b) The government wants transporters to obey the axle load compliance but transporters prefer gross vehicle weight for load control. Assume you are a transporter, argue your case. **(8 marks)**
- c) Explain the Just-in-Time concept in logistics. **(10 marks)**