



TECHNICAL UNIVERSITY OF MOMBASA
SCHOOL OF BUSINESS
DEPARTMENT OF MANAGEMENT SCIENCE

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UNIVERSITY EXAMINATION FOR:
DIPLOMA IN LOGISTICS AND TRANSPORT
BLT 2103: MANAGEMENT IN LOGISTICS AND TRANSPORT
END OF SEMESTER EXAMINATION
SERIES:DECEMBER2016
TIME:2HOURS
DATE:Pick DateDec2016

Instructions to Candidates

You should have the following for this examination

-Answer Booklet, examination pass and student ID

This paper consists of **FIVE** questions. Attempt question ONE (Compulsory) and any other TWO questions.

Do not write on the question paper.

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QUESTION ONE

- a) Explain SIX operational objectives of logistics (12 Marks)
- b) Identify SEVEN key elements of JUST IN TIME Production (7 Marks)
- c) State FIVE factors that determine the choice of a transport mode by a passenger (8 Marks)
- d) Explain the following characteristics of transport:
 - i) Perishability
 - ii) Intangibility (6 Marks)

QUESTION TWO

- a) Define logistics information systems (2 Marks)
- b) Explain seven ways through which logistics information systems helps in logistics service provision (14 Marks)
- c) Identify FOUR capabilities an organization should have in order to implement an efficient consumer response(ECR) (4 Marks)

QUESTION THREE

- a) State FIVE factors that determine the frequency of service (5 Marks)
- b) State five objective of time tables in scheduled transport service (5 Marks)
- c) Differentiate between on demand transport service and Scheduled transport service giving one example for each. (6 Marks)
- d) Identify the different classes of roads in Kenya, (4 Marks)

QUESTION FOUR

- a) State Five functions of the following in logistics
 - i) Storage and warehousing
 - ii) Packaging (10 Marks)
- b) Perishable commodities can be transported under different temperature conditions, Identify SEVEN different temperature conditions under which different goods can be transported. (7 Marks)
- c) State THREE advantages of cargo unitization (3 marks)

QUESTION FIVE

- a) Explain the JUST IN TIME principle (4 Marks)
- b) State FIVE principles of LEAN thinking (5 Marks)
- c) Identify SEVEN sources of waste in LEAN thinking (7 Marks)
- d) State FOUR advantages of Loyal customers (4 Marks)

