



JARAMOGI OGINGA ODINGA UNIVERSITY OF SCIENCE AND TECHNOLOGY
SCHOOL OF BUSINESS & ECONOMICS
UNIVERSITY EXAMINATION FOR THE DEGREE OF MASTER OF LOGISTICS
AND SUPPLY CHAIN MANAGEMENT
1ST YEAR 1ST SEMESTER 2022/2023 ACADEMIC YEAR
REGULAR
NAIROBI CAMPUS

COURSE CODE: MLS 5112

COURSE TITLE: OPERATIONS IN LOGISTICS

EXAM VENUE: STREAM: (MLSCM)

DATE: 19/12/2022 EXAM SESSION: 15.00-17.00PM

TIME: 3 HOURS

Instructions:

- 1. This paper consists of 6 questions**
- 2. Answer any FOUR questions**
- 3. ALL questions carry equal marks**

QUESTION ONE

You have been appointed the Logistics Manager at Mafuta Oil Company. Describe how you will design a Logistics network that will deliver the desired Level of customer service by the firm. (15 marks)

QUESTION TWO

Using examples, discuss how Timed Based Logistics can be used to enhance efficiency of a Humanitarian firm. (15 marks)

QUESTION THREE

Discuss any THREE Logistical Operating systems that are capable of delivering an acceptable balance of performance, cost and flexibility for a firm. (15 marks)

QUESTION FOUR

Discuss any FIVE Logistics environmental assessment that must be undertaken in order for Logistics Managers in order to formulate a strategy that will guide the Logistics process. (15 marks)

QUESTION FIVE

Discuss the process of Logistics Reengineering that can be undertaken by a firm so as to improve performance of Logistics operations. (15 marks)

QUESTION SIX

Discuss how the Systems Concept can be applied in the design of the Logistics network for a firm. (15 marks)