



**JARAMOGI OGINGA ODINGA UNIVERSITY OF  
SCIENCE AND TECHNOLOGY  
EXAMINATIONS 2021/2022**

**FIRST YEAR FIRST SEMESTER EXAMINATION FOR THE DEGREE  
OF MASTER SCIENCE IN LOGISTICS AND SUPPLY CHAIN  
MANAGEMENT**

**KISUMU CAMPUS**

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**COURSE CODE: MLS5111**

**COURSE TITLE: LOGISTICS AND SUPPLY CHAIN**

**DATE: 19/12/2022**

**SESSION: 9.00-12.00NOON**

**TIME: 3HOURS**

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**INSTRUCTIONS:**

- 1). Attempt any other FOUR questions**
- 2). ALL Question carry 15 marks each.**

## QUESTION ONE

- a) Benmax Ltd after many years of make initiative, decide to into outsourcing. Explain the conditions that may have prepared and driven Benmax to go into this decision.(5mks)
- b) It can be two years before an organization begins to benefit from any cost savings and in some cases the process is cost neutral. In this context, discuss the problems associated with outsourcing (10mks)

## QUESTION TWO

- a) Research has identified four key enablers all of which must be fully leveraged if supply chain management is to be successful. Provide and analyze these enablers (5mks)
- b) Critically examine the 8 supply chain management processes postulated by the International Centre for Competitive Excellence in 1997. (10mks)

## QUESTION THREE

- a) In strategy formulation, there are various levels. While business level strategy formulation focuses on how the firm can obtain competitive advantage, functional level strategy formulation focuses on efficiency and effectiveness of function. Which areas in supply chain would strategies focus on? Explain (5mks)
- b) Critically examine the areas around which supply chain strategic planning can craft supply chain goals. (10mks)

## QUESTION FOUR

- a) "A supply chain is that network of organizations that are involved, through upstream and downstream linkages, in the different processes and activities that produce value in the form of products in the hands of the ultimate customer or consumer." To what extent does this statement help in characterizing a supply chain? Explain. (5mks)
- b) Supply chains classification enables managers to improve their supply chain management approach. Other than customer supplier characteristics, Examine other criteria for supply chain classification. (10mks)

## QUESTION FIVE

- a) Describe Michael Porter's value chain model and explain how it helps corporate executives in translating supply chain to value chain. (5mks)
- b) Supply chain optimization is about removing the non value added steps that have infiltrated or have been designed into the link processes that constitutes a particular supply chain. Explain, providing details, the objectives of supply chain optimization. (10mks)

## QUESTION SIX

- a) Provide and explain a framework that links supply chain performance to corporate performance. (5mks)
- b) Supply chain performance is assessed on the basis of costs and customer service. Provide and explain elements of customer service in supply chains. (10mks)