



**JARAMOGI OGINGA ODINGA UNIVERSITY OF SCIENCE AND TECHNOLOGY**  
**SCHOOL OF BUSINESS & ECONOMICS**  
**UNIVERSITY EXAMINATION FOR THE DEGREE OF BACHELOR OF LOGISTICS**  
**AND SUPPLY CHAIN MANAGEMENT**  
**1<sup>ST</sup> YEAR 1<sup>ST</sup> SEMESTER 2022/2023 ACADEMIC YEAR**  
**KISUMU CAMPUS**

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**COURSE CODE: BEB 1103**

**COURSE TITLE: PRINCIPLES OF LOGISTICS AND SUPPLY CHAIN MANAGEMENT**

**EXAM VENUE: STREAM: (BLSM)**

**DATE: 22/12/2022 EXAM SESSION: 15.00-17.00PM**

**TIME: 2 HOURS**

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**Instructions:**

- 1. Answer Question ONE (COMPULSORY) and ANY other 2 questions**
- 2. Candidates are advised not to write on the question paper.**
- 3. Candidates must hand in their answer booklets to the invigilator while in the examination room.**

## QUESTION ONE

‘You have been contracted as Logistics Consultant for DHL Movers., a new International Transport and logistics firm that specializes on-time delivery of merchandise to give a speech on ‘Managing Logistics Services in the Face of Uncertainties’

### Required

- a) Explain to the firm the main elements that would make up their demand management scheme in the wake of new world pandemics (6 Marks)
- b) Recommend the workforce requirements that DHL Movers may require in order to efficiently run their services (6Marks)
- c) Discuss the skills that managers for DHL Movers may require in order to efficiently run the firm (6Marks)
- d) Advise the managers above on the benefits that may accrue to their firm by adopting innovation practices and technology in their operations (6Marks)
- e) DHL Movers is concerned about the increased cases of unethical practices among its Logistics Officers. Explain the reasons that may account for this move (6 Marks)

## QUESTION TWO

- a) The Logistics Management Information System is a fundamental aspect that any organization needs to consider in its operations. Enumerate the challenges that a firm may accrue from undertaking this move (10 Marks)
- b) Describe five objectives of installing an efficient stores and warehouse system in an organization (10 Marks)

### **QUESTION THREE**

- a) Maimuna Co. Ltd is in the process of putting up new logistics depots. Explain the reasons that may have gravitated the Co. from undertaking this move (10 Marks)
- b) Discuss the ways in which packaging adds value to product in Logistics and Supply Chain operations (10 Marks)

### **QUESTION FOUR**

- a) Highlight the criteria that may be used to determine the efficiency of a means of transport in Logistics network designs. (10 Marks)
- b) Explain meaning of the following as used in Logistics operations
- i. Systems Planning (2 Marks)
  - ii. Logistics Management (2 Marks)
  - iii. Third Party Logistics (2 Marks)
  - iv. Reverse Logistics (2 Marks)
  - v. Physical distribution (2 Marks)

### **QUESTION FIVE**

- a) There is a paradigm shift in the roles of logistics systems due to the multiplicity of objectives they have to achieve buoyed by emerging issues and trend. Comment on how new trends and emerging issues are affecting functions of logistics firms today. (10Marks)
- b) You have been appointed as the Logistics Manager from Migaya Enterprises Ltd. and you recently made a decision to adopt the stockless method of stock control in warehousing operations. Explain the benefits that may accrue to the firm from undertaking the move. (10Marks)