



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**

3RD YEAR 1ST SEMESTER 2022/2023 ACADEMIC YEAR

REGULAR

MAIN /NAIROBI CAMPUS

COURSE CODE: BEB 1103

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

EXAM VENUE:

STREAM: (BLSCM)

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

- (a) Using a diagram describe the structure of the supply chain of a Sugar manufacturing company. (15 marks)
- (b) Logistics adds value to products in the supply chain. Describe the utility that Logistics creates in the distribution and supply chain of products. (15 marks)

QUESTION TWO

- (a) Location refers to the site, place or building where an establishment is situated. Discuss the uncontrollable factors that an organization should consider when locating a warehouse. (10 marks)
- (b) Packaging utility reflects how packaging impacts logistics productivity and efficiency. Explain how packaging adds value in logistics. (10 marks)

QUESTION THREE

- (a) Inventory control entails all aspects of managing a company's inventories: from purchasing, shipping, receiving, tracking, warehousing and storage. Analyze the objectives of inventory control in a manufacturing organization. (10 marks)
- (b) Discuss any five reasons against holding stock of materials of any kind for future use in the organization. (10 marks)

QUESTION FOUR

- (a) Discuss any FIVE factors that are to be considered in the selection of appropriate material handling equipment. (10 marks)
- (b) Without well-developed transportation systems, logistics cannot bring its advantages into full play. Assess the role that transportation plays in logistics. (10 marks)

QUESTION FIVE

- (a) "While many companies consider the Return process to be a 'necessary evil' that shouldn't be noticed, companies that implement an effective Reverse Logistics workflow can reap several benefits". Amplify the above statement while discussing the benefits of an efficient Reverse Logistics system. (10 marks)
- (b) Explain the factors underlying the growth and development of Logistics and Supply Chain Management in developing countries. (10 marks)